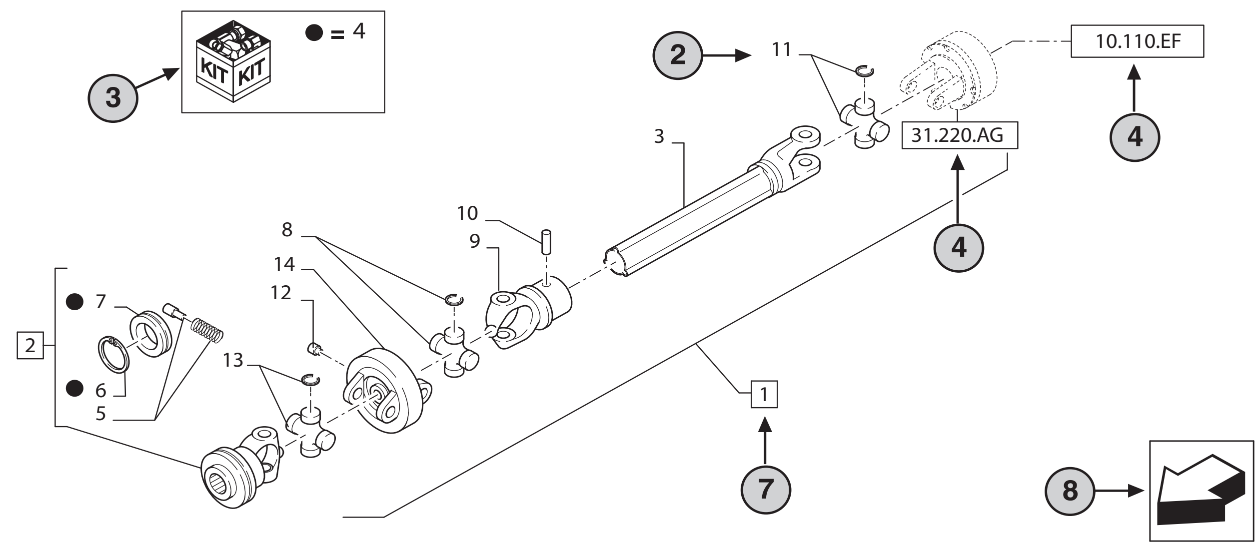
31.220.AD	01	p1	10/2014

VAR - 123782, 789101,987654 - PTO - D650



STANDARD ← (6)

31.220.AD ← (11)	01 ← (12)	p1 ← (13)	10/2014 ← (14)

VAR - 123782, 789101,987654 - PTO - D650 ← (23), (9), (10)

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	**86529340**		1	SHAFT PTO, Incl 2 - 11
2		**84014007**		1	YOKE, Incl 4 -7
3		**NSS**		1	NOT SERVICED SEPARATELY, SHAFT, 350mm, Incl in 1
4		**84004292**		1	KIT, Seal Kit, Incl 6, 7
4		**{84058743}**		1	KIT, Seal Kit, Incl 6, 7

1 = FOR ITALY ONLY ← (5)

MODELS ← (1)

1 Model Number and Model Description

2 Reference - Figure call-out of the part number.

3 Parts supplied in repair kits per symbol reference.

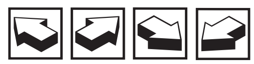
4 [31.220.AD] Part illustrated on the **Page** or in the **Figure** indicated, or calls for **Variations** or **Details**.Indicates components shown in detail elsewhere in the catalogue under the figure number shown.

5 Footnote references

6 Figure notes

7 [1] [2] Includes item(s) ...... (See Description within partlist).

8 Orientation. (Arrow indicates front of the machine).



9 Figure description.

10 General information of the figure.

11 Figure title number that aligns with the SRT. Standard Repair Time.

12 **Sequence** code within the assembly.

13 Page number within the sequence code.

14 **Date** of printing or updating of page (month-year).

15 **Note** - Relating to the Part Number. There is a key to symbols and abbreviations at the bottom of the text page.

16 Non-serviced parts.

17 Further description of the part to help confirm identification.

18 Not available as service part.

19 Part Number.

20 To be defined.

21 Total **Quantity** of the Part referred to in the page.
The quantity can be replaced by the following indications:
AR = quantity as requested.

22 Part **Description**.

23 Variant Codes

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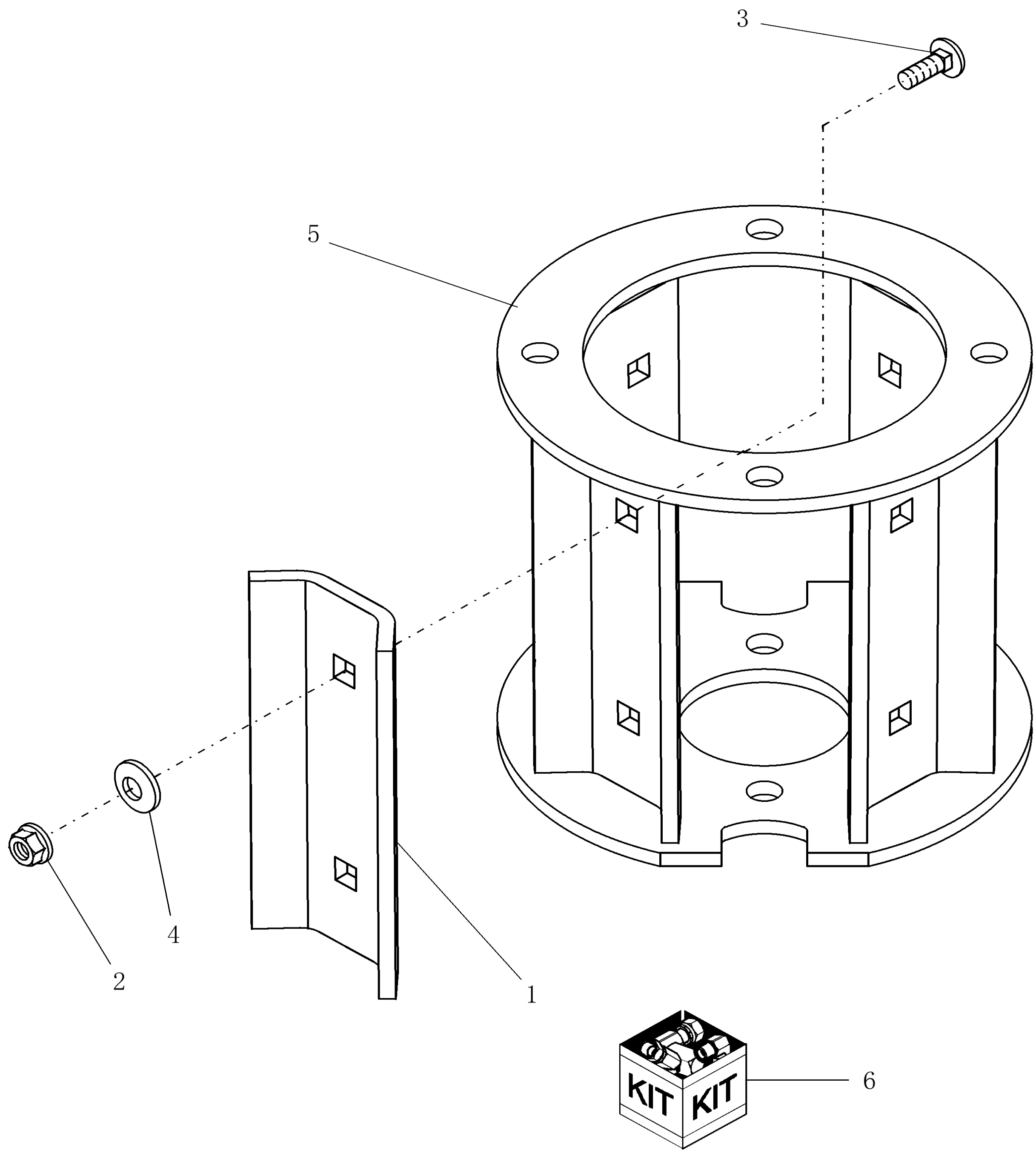
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SECTION INDEX

Attachments

18.06		p1	3/2020

CANE PADDLE KIT



CANE PADDLE KIT

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		NSS		4	NOT SOLD SEPARAT Paddle
2		86521606		8	FLANGE NUT Hex, 3/8" - 16, Gr 5
3		280430		8	CARRIAGE BOLT Sq Nk, 3/8" - 16 x 3/4", Gr 5, Full Thd
4		140045		8	BELLEVILLE WASHER 10mm ID x 22mm OD x 1.6mm Thk
5		86634229		1	DRUM Short
6		87528440		1	KIT Includes: Ref's 1-4

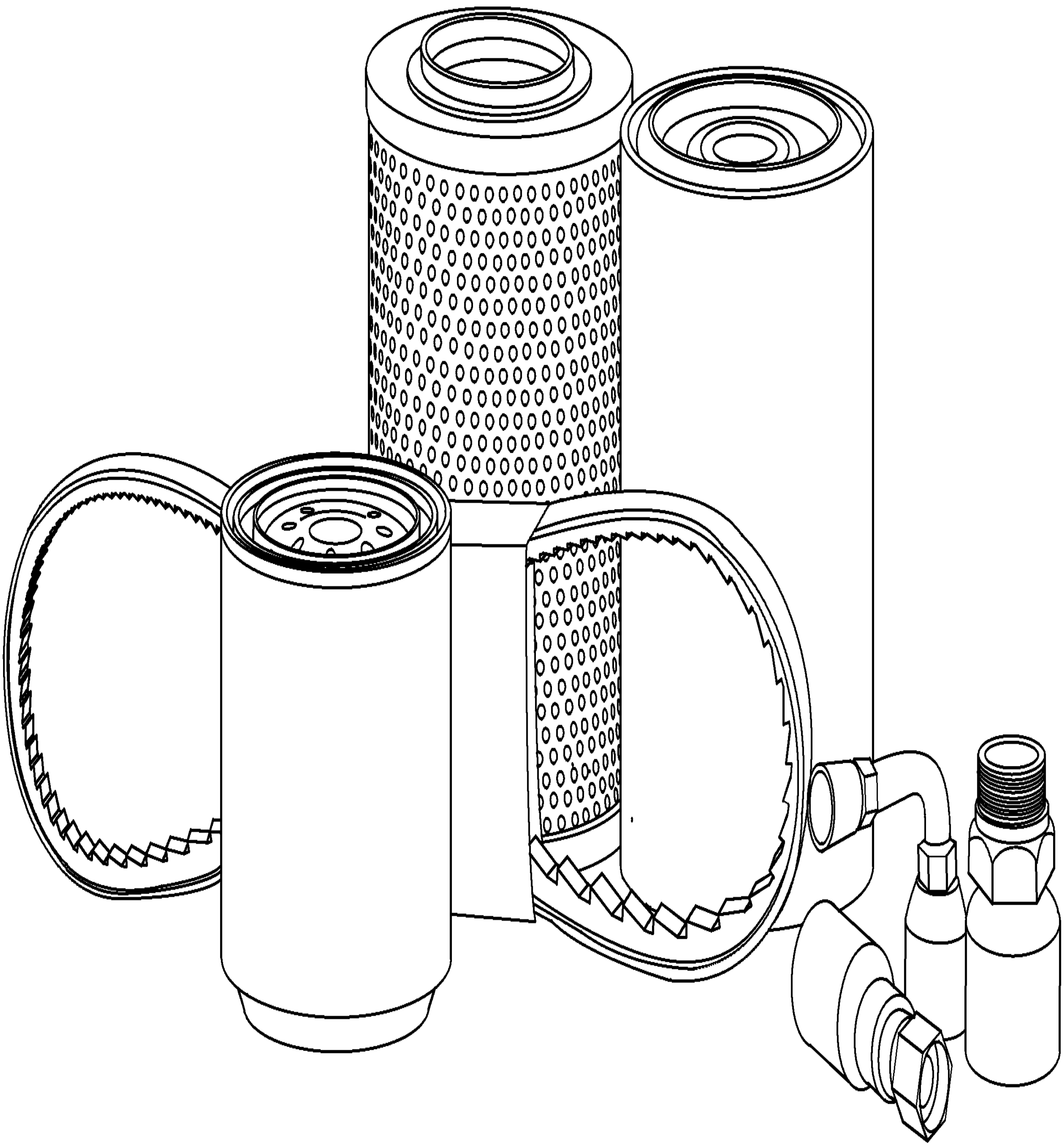
SECTION INDEX

GENERAL

ZZZ	**RECOMMENDED INITIAL STOCKING LIST (ISL) - FOR 5 MACHINES**

ZZZ		p1	3/2020

RECOMMENDED INITIAL STOCKING LIST (ISL) - FOR 5 MACHINES



RECOMMENDED INITIAL STOCKING LIST (ISL) - FOR 5 MACHINES

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
		365820		4	BUSHING 25.4mm ID x 36.5mm OD x 22.23mm L Cutterbar Mount
		86629692		2	HUB Disc
		9847683		40	BLADE Knife CW Odd
		9847684		40	BLADE Knife CCW Even
		9861804DS		1	GREASE for Shaft 86519042 (14 oz.)
		86501934		2	THREADED ROD
		86511201		2	SEAL 1.25" ID x 2.33" OD x 0.33" Thk
		86511584		1	REPAIR KIT
		87053834		25	NUT Knife
		86515894		1	SLINGER Slinger
		86515926		15	FLANGE BOLT Hex, 1/2" - 13 x 1.75", Gr 8
		86518194		4	NUT 3/4"-10, G8
		86519039		1	SHAFT 268mm
		86519042		1	SHAFT Intermodule, 248mm
		86520896		1	BEARING ASSY Secondary PTO
		86525821		1	GEARBOX CW Module
		86525822		1	GEARBOX CCW Module
		86551252		1	SPIDER Kit, Snap Rings NSS
		86557260		4	SPECIAL NUT Hex, 3/4" - 10 Nyl Lock Gr 5 Special, Lock, 3/4"-10, Cutterbar Mounting
	1	87044117		1	STONEGUARD Rock
	2	87047845		1	STONEGUARD
		86571960		4	BOLT Special
		87047426		1	SKID/SHOE
		86572966		1	REPAIR KIT Over-Running Clutch
		86601404		2	REPAIR KIT Friction Disc
		87027949		1	SEAL KIT Kit, Swing
		87342192		2	DISC

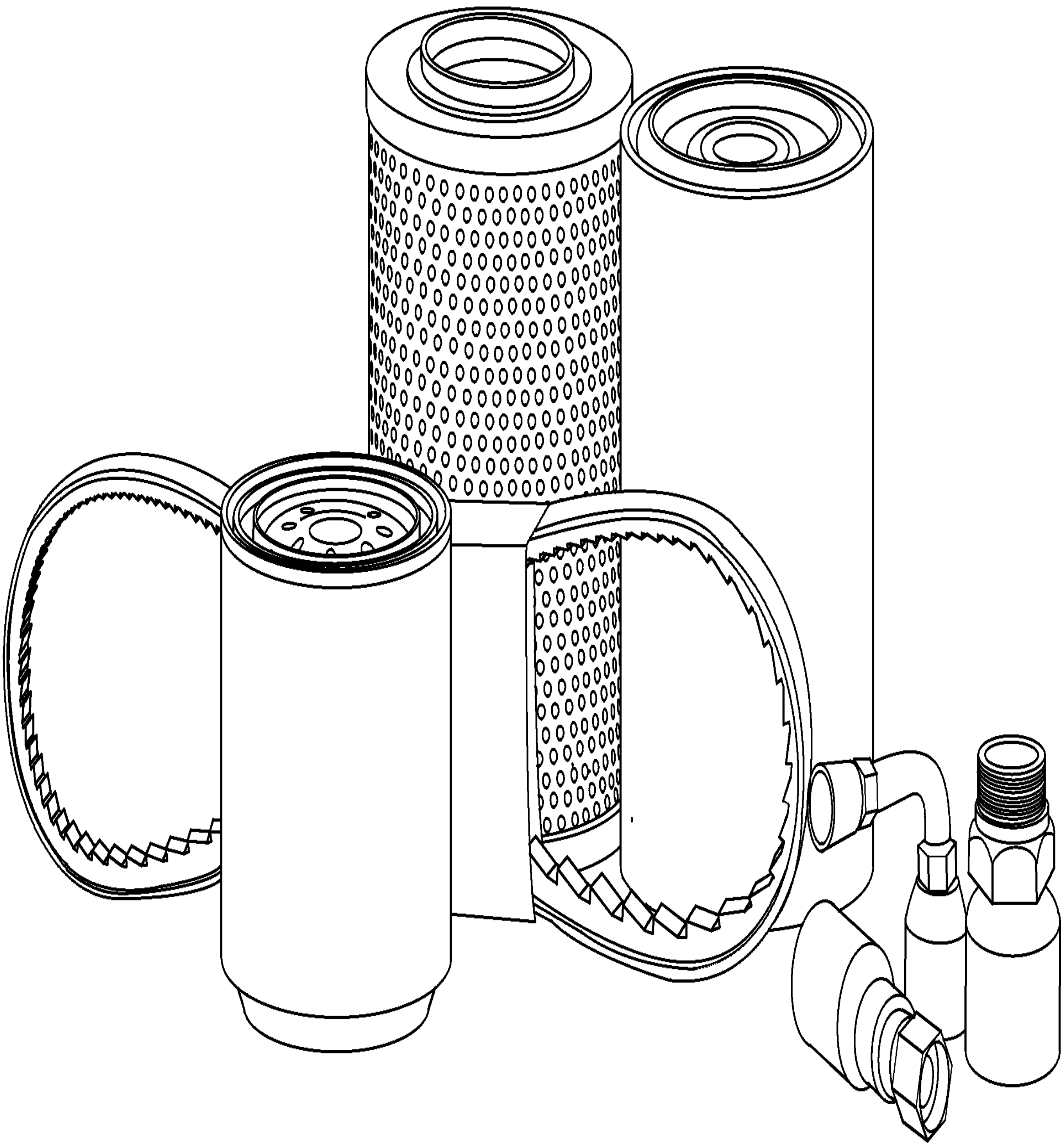
(1) Prior To Y6B230671

(2) From Y6B230671

1431-DISCBINE PIVOT TONGUE DISC MOWER CONDITIONER

ZZZ		p2	3/2020

RECOMMENDED INITIAL STOCKING LIST (ISL) - FOR 5 MACHINES



RECOMMENDED INITIAL STOCKING LIST (ISL) - FOR 5 MACHINES

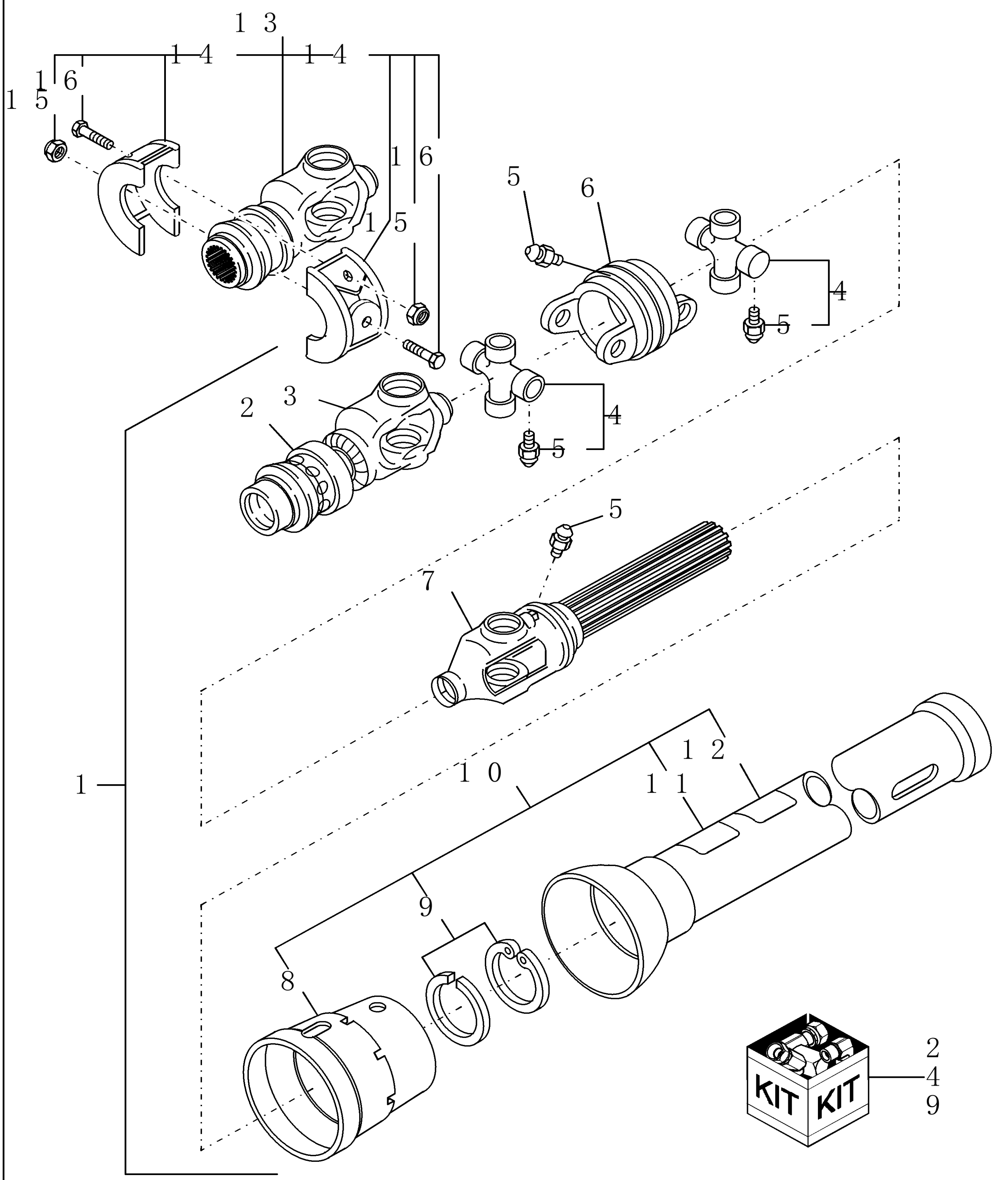
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
		86621872		100	BLADE 14°, CCW
		86621873		100	BLADE 14°, CW
		86627796		2	V-BELT 0.66" W x 147.00" L, 2 Ribs
		86627810		1	V-BELT 0.66" W x 55.70" L, 4 Ribs
		86633618		1	CAP
		87040886		25	BOLT Hex Flange

SECTION INDEX

PTO DRIVE SHAFT

01.01		p1	3/2020

PRIMARY PTO, FRONT HALF, NOT FOR SWIVEL HITCH



PRIMARY PTO, FRONT HALF, NOT FOR SWIVEL HITCH

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	86592683		1	FRONT PTO ASSY Half, Includes: Ref. 2 - 12 - 1-3/8"
1	2	87056346		1	FRONT PTO ASSY Half, Includes: Ref. 2 - 12 - 1-3/8"
1	1	86539411		1	PTO Front Half, Includes: Ref. 2 - 11 - 1-3/4"
1	2	87056348		1	FRONT PTO ASSY Half, Includes: Ref. 2 - 11 - 1-3/4"
2	3	86534533		1	REPAIR KIT Auto-Lok, For 1-3/8" Yoke
2	3	86539714		1	REPAIR KIT Auto-Lok, For 1-3/4" Yoke
3		86539412		1	YOKE Auto-Lok, 1-3/4" - 20 Tooth Spline - (Optional)
3		86539636		1	YOKE Auto-Lok, 1-3/8" - 21 Tooth Spline.
3	4	84468415		1	YOKE Auto-Lok
4	5	86551252		2	SPIDER Kit, Includes: Ref. 5, Snap Rings NSS
4	6	84471074		2	SPIDER Kit, Incl 5, 1-3/8"
5		88775		AR	LUBE NIPPLE 1/4" - 28 Straight
6		86520893		1	HOUSING CV Center
7		86592687		1	YOKE W/Shaft
8	7	86510899		1	SHIELD W/Centralizer
9	7	86505713		1	NYLON BEARING Nylon, Includes: (1) Nylon Bearing & (1) Retaining Ring

(1) **W/Metal Guard**

(2) **W/Plastic Guard**

(3) **Includes: (1) Retaining Ring, (1) Collar, (1) Spring, (2) Pawls & (4) Balls & Instructions**

(4) **Applies to 84472479 Only**

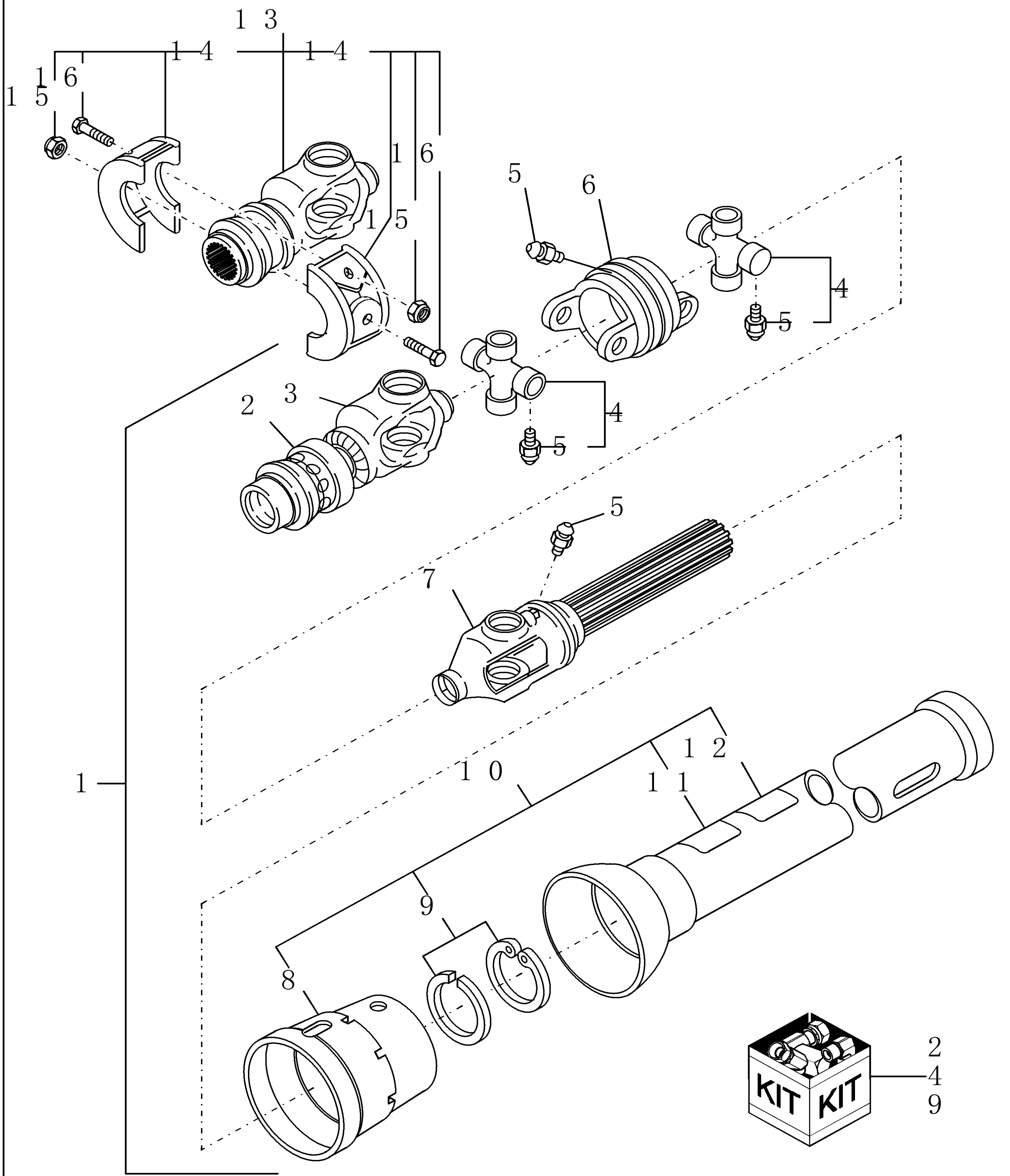
(5) **Applies to 86592683, 8706346, 86539411, 87056348 Only**

(6) **Applies to 84472479**

(7) **Used W/Metal Guard**

01.01		p2	3/2020

PRIMARY PTO, FRONT HALF, NOT FOR SWIVEL HITCH



PRIMARY PTO, FRONT HALF, NOT FOR SWIVEL HITCH

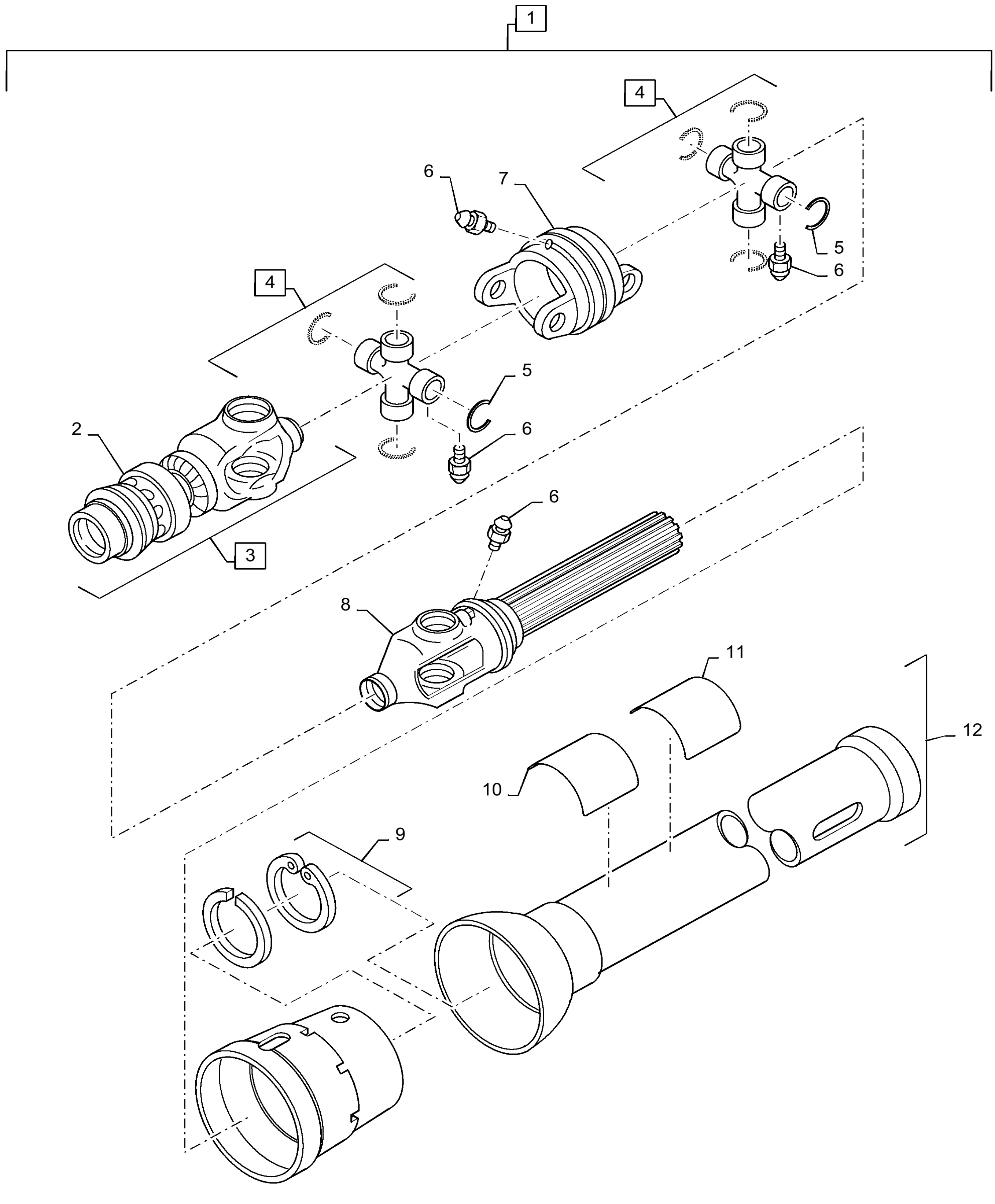
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
9	1	87050379		1	REPAIR KIT Nylon, Includes: (1) Nylon Bearing & (1) Retaining Ring
10		86592686		1	GUARD Outer, Metal; Includes: Ref. 8, 9, 11 & 12, Use W/ Ref. 1, 1-3/8" or 1-3/4"
10		87056312		AR	GUARD ASSY. Plastic; Includes: Inner & Outer Guards
11		849471		1	DANGER DECAL
12		86536635		1	DECAL LUBRICATION
13		86566886		AR	YOKE Front, CV Clamp Type, Includes (1 ea.) Ref 13, For 1-3/8" -21 Spline Shaft
14	2	86621507		AR	CLAMP
15		232-4148		2	NUT 1/2"-13, GC
16		280620		2	BOLT Hex, 1/2" - 13 x 3", Gr 8

(1) Used W/Plastic Guard

(2) Not Included In PTO Front Half, Order Separately.

01.01	01	p1	3/2020

PTO, FRONT HALF, ASSY 87056348, NOT FOR SWIVEL HITCH



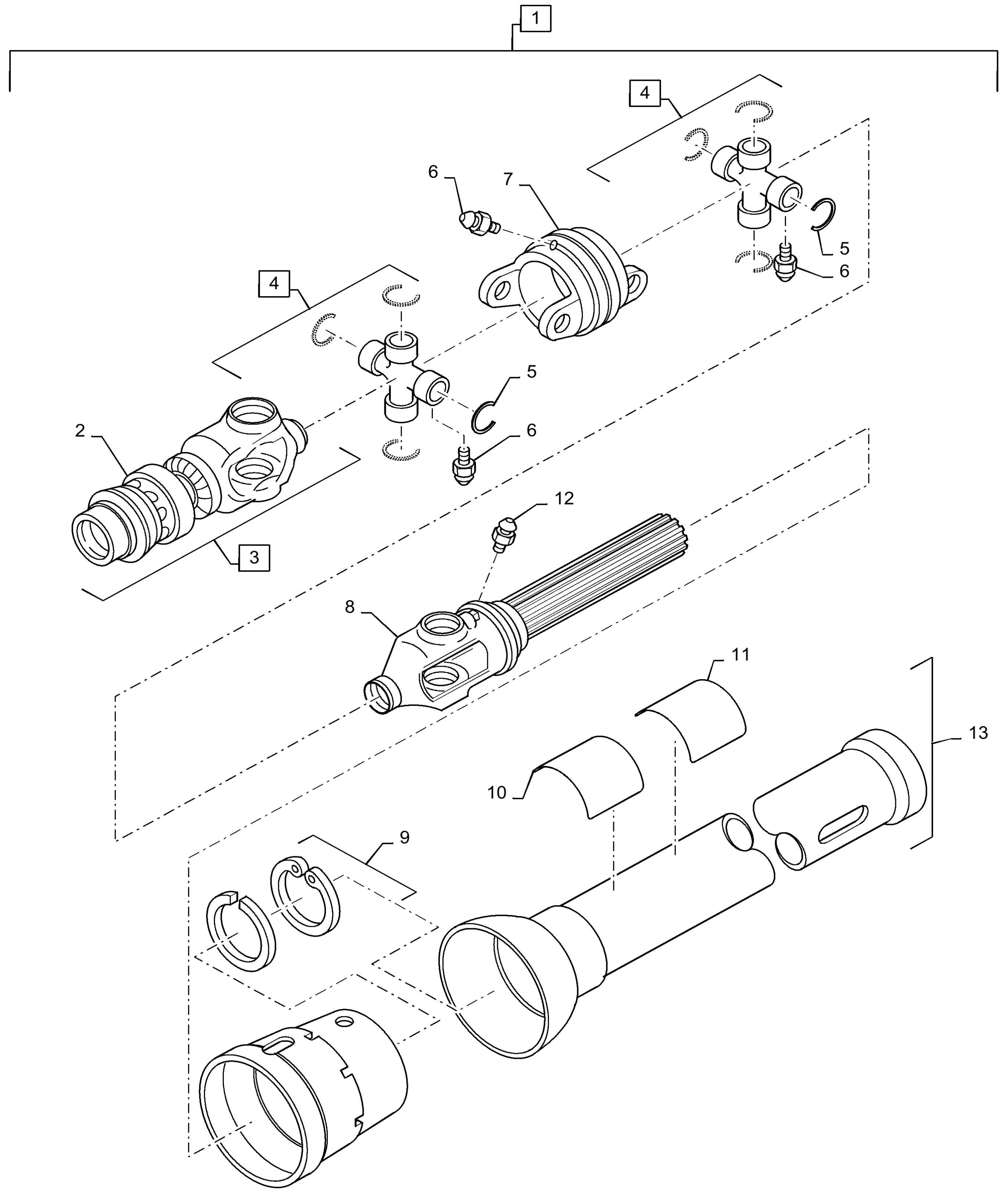
PTO, FRONT HALF, ASSY 87056348, NOT FOR SWIVEL HITCH

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	87056348		1	FRONT PTO ASSY 1 - 3/4" 21 Spline, Incl 2 - 11
2		86539714		1	REPAIR KIT Auto-Lok, Incl (1) Retaining Ring, (1) Collar, (1) Spring, (2) Pawls & (4) Balls & Instructions
3		86539412		1	YOKE Lok 1 - 3/4, Incl 2
4		86551252		2	SPIDER Cross Kit, Incl Ref 10, Snap Rings NSS
5		NSS		AR	NOT SOLD SEPARAT Snap Rings, Incl Ref 4
6		88775		AR	LUBE NIPPLE 1/4" - 28
7		86520893		1	HOUSING CV Center HSG
8		86592687		1	YOKE W/Shaft
9		87050379		1	REPAIR KIT Nylon, Incl (1) Nylon Bearing & (1) Retaining Ring
10		849471		1	DANGER DECAL Sign
11		86536635		1	DECAL Lubrication
12		87056312		2	GUARD ASSY. Plastic; Incl Inner & Outer Guards

(1) Applies to Units Built After 03/28/2011

01.01	02	p1	3/2020

PTO, FRONT HALF, ASSY 84472479, NOT FOR SWIVEL HITCH



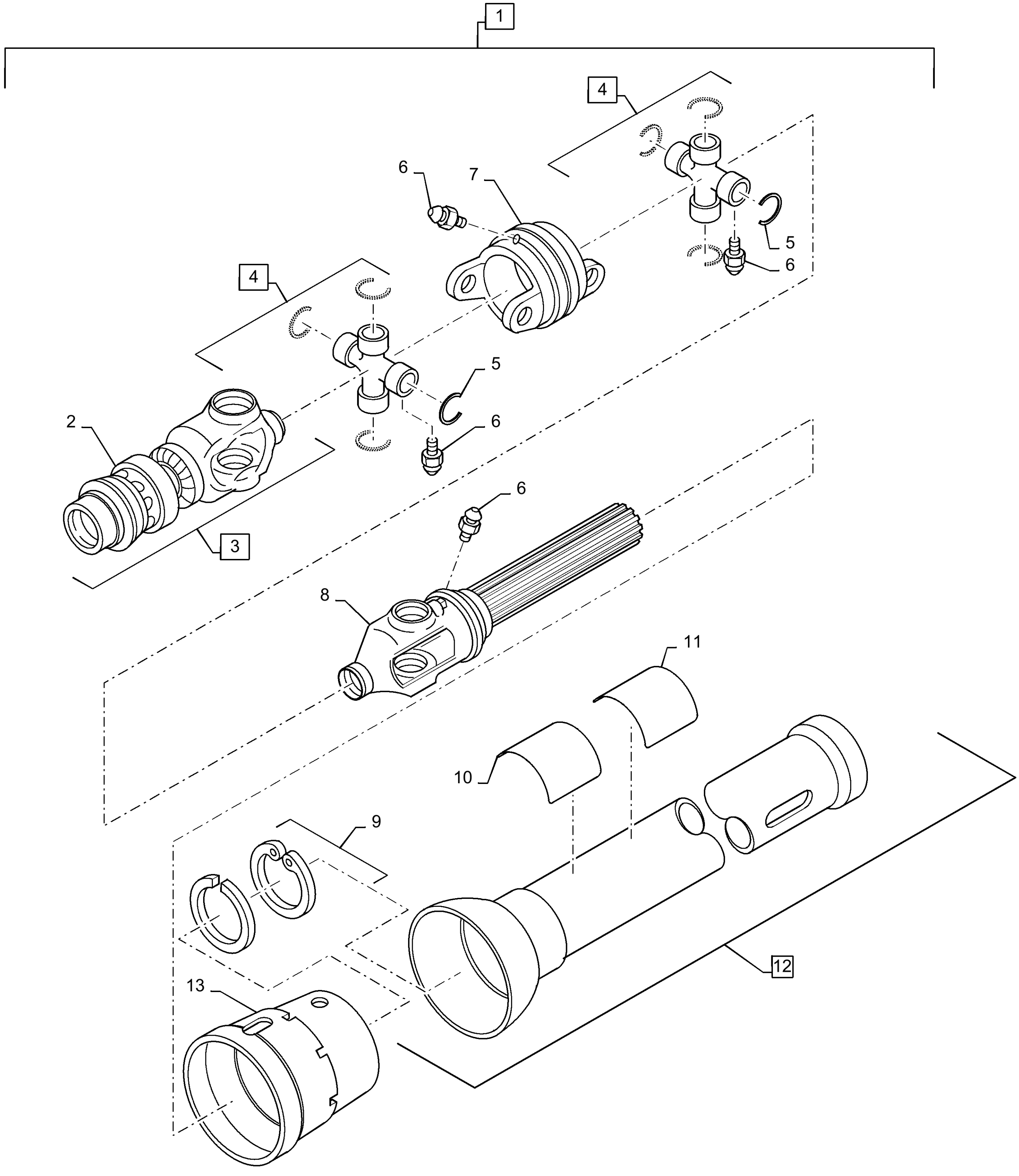
PTO, FRONT HALF, ASSY 84472479, NOT FOR SWIVEL HITCH

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	84472479		1	FRONT PTO ASSY 1 3/8 21 Spline, Incl 2 - 13
2		86534533		1	REPAIR KIT Auto - Lok
3		84468415		1	YOKE Incl 2
4		84471074		2	SPIDER U-Joint, Incl 5, 6
5		86536802		1	SNAP RING M37, Int
6		88775		1	LUBE NIPPLE 1/4" - 28
7		84471077		1	JOINT
8		84471565		1	YOKE W/Shaft
9		87050379		1	REPAIR KIT Nylon
10		849471		1	DANGER DECAL English
11		86536635		1	DECAL Sign Lubrication
12		88775		4	LUBE NIPPLE 1/4" - 28
13		87056312		2	GUARD ASSY. Inner and Outer Guards

(1) Applies to Units Built After 03/28/2011

01.01	03	p1	3/2020

PTO, FRONT HALF, ASSY 86592683, NOT FOR SWIVEL HITCH

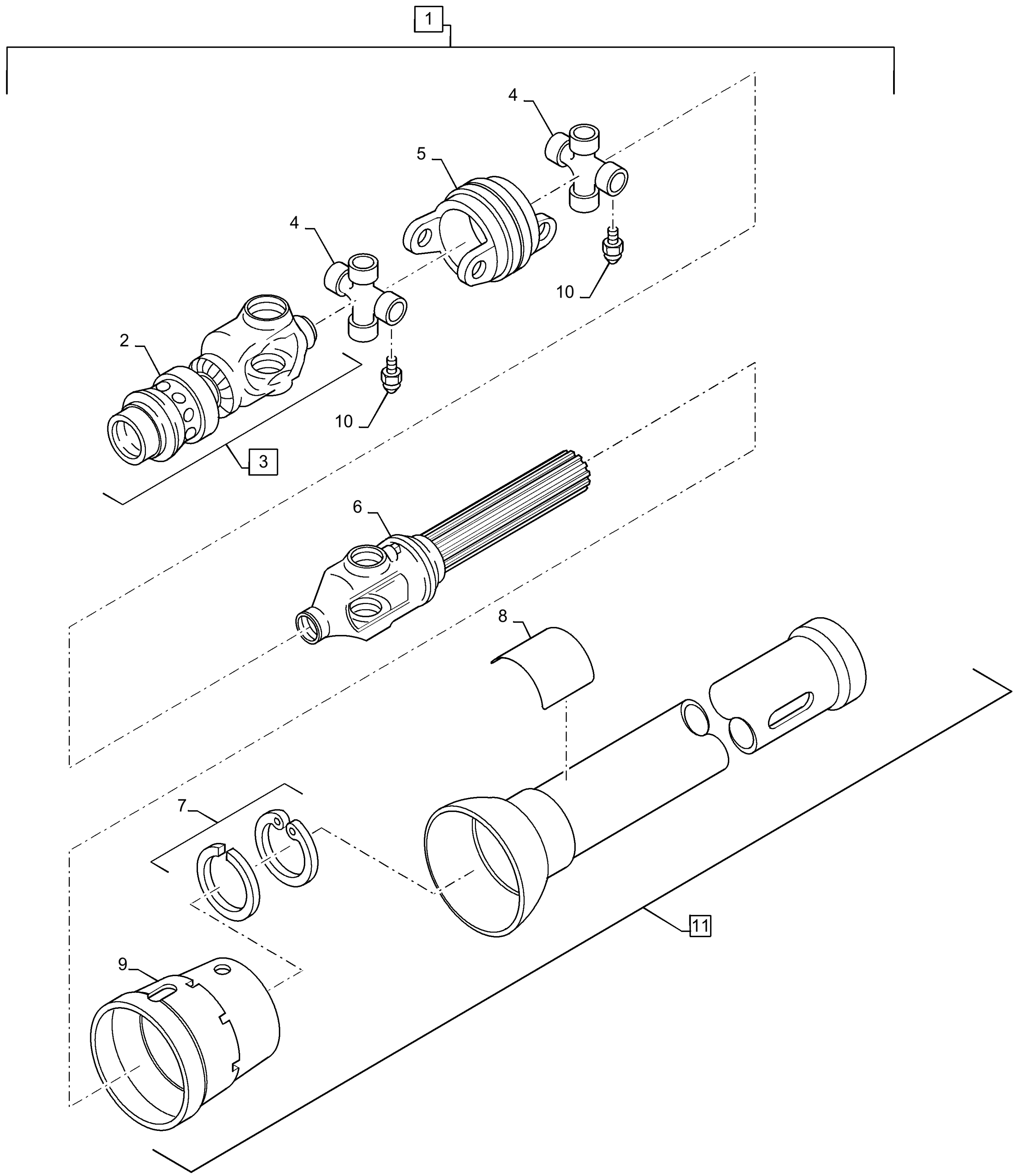


PTO, FRONT HALF, ASSY 86592683, NOT FOR SWIVEL HITCH

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86592683		1	FRONT PTO ASSY 1 3/8 - 21 Spline, Incl 2 - 12
2		86534533		1	REPAIR KIT Auto-Lok, 1-3/8" Yoke
3		86539636		1	YOKE Lok, 1-3/8" 21 Tooth Spline
4		86551252		1	SPIDER Cross Kit, Incl Ref. 5, Snap Rings NSS
5		NSS		AR	NOT SOLD SEPARAT Snap Rings, Incl Ref 4
6		80714		4	LUBE NIPPLE 1/4"-28 NPT x .54" lg
7		86520893		1	HOUSING CV Center HSG
8		86592687		1	YOKE W/Shaft
9		86505713		1	NYLON BEARING Kit, Incl (1) Nylon Bearing & (1) Retaining Ring
10		849471		1	DANGER DECAL Sign
11		86536635		1	DECAL Lubrication
12		86592686		1	GUARD Outer, Incl Ref. 5, 9 - 11
13		86510899		1	SHIELD Bell Ext W/Centralizer

01.01	04	p1	3/2020

PTO, FRONT HALF, ASSY 86539411, NOT FOR SWIVEL HITCH



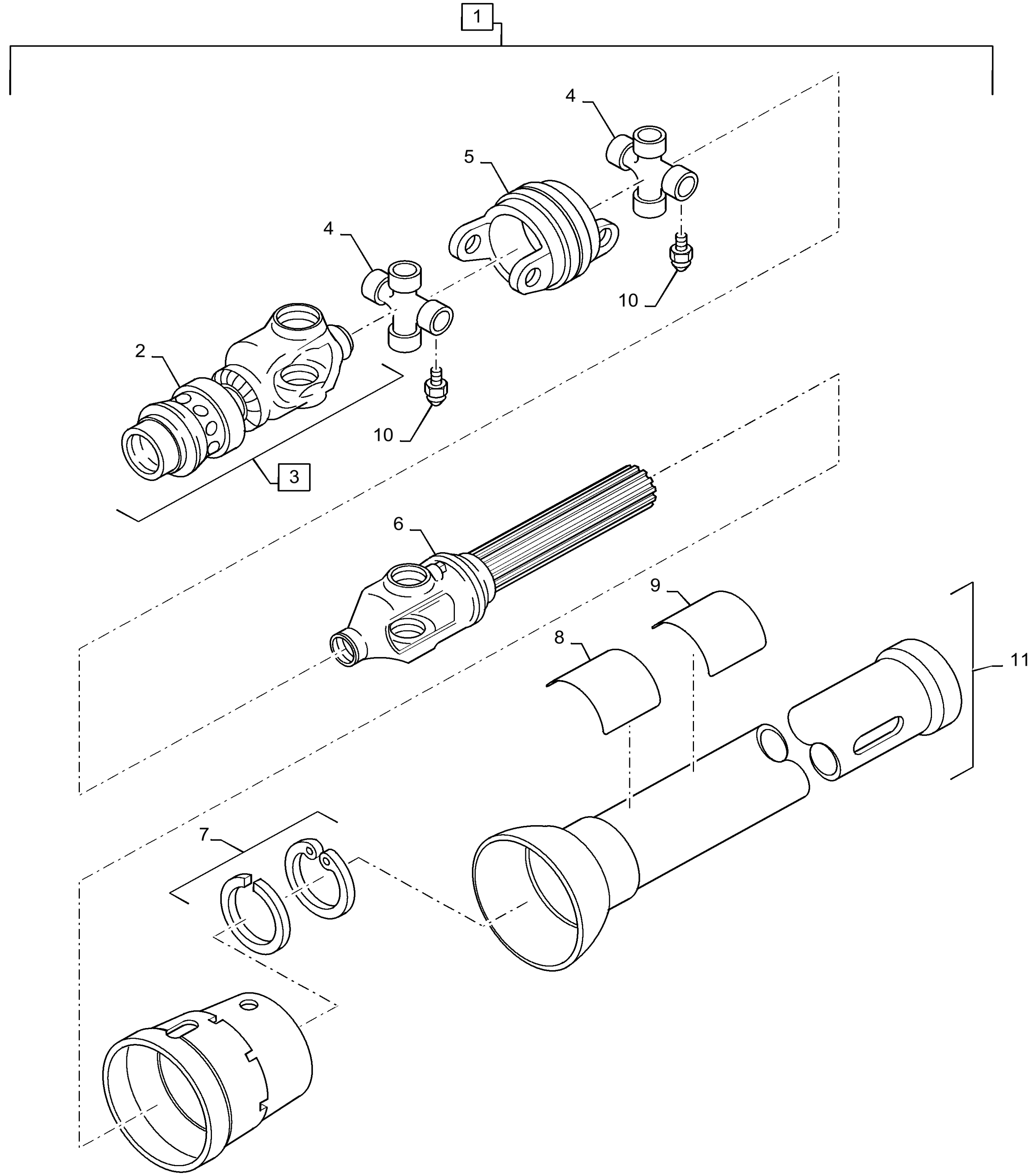
PTO, FRONT HALF, ASSY 86539411, NOT FOR SWIVEL HITCH

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	86539411		1	PTO 1 3/4 20 Spline, Incl 2 - 11
2		86539714		1	REPAIR KIT Auto-Lok, Incl (1) Retaining Ring, (1) Collar, (1) Spring, (2) Pawls & (4) Balls & Instructions
3		86539412		1	YOKE Auto-Lok, 1 3/4
4		86551252		2	SPIDER Cross Kit, Incl Ref. 10, Snap Rings NSS
5		86520893		1	HOUSING CV Center HSG
6		86592687		1	YOKE W/Shaft
7		86505713		1	NYLON BEARING Kit, Incl (1) Nylon Bearing & (1) Retaining Ring
8		849471		1	DANGER DECAL Sign
9		86510899		1	SHIELD Bell Ext W/Centralizer
10		80714		4	LUBE NIPPLE 1/4"-28 NPT x .54" lg
11		86592686		1	GUARD Incl Ref, 8 - 10

(1) Applies to Units Built After 05/16/1997 - 11/08/2000

01.01	05	p1	3/2020

PTO, FRONT HALF, ASSY 87056346, NOT FOR SWIVEL HITCH



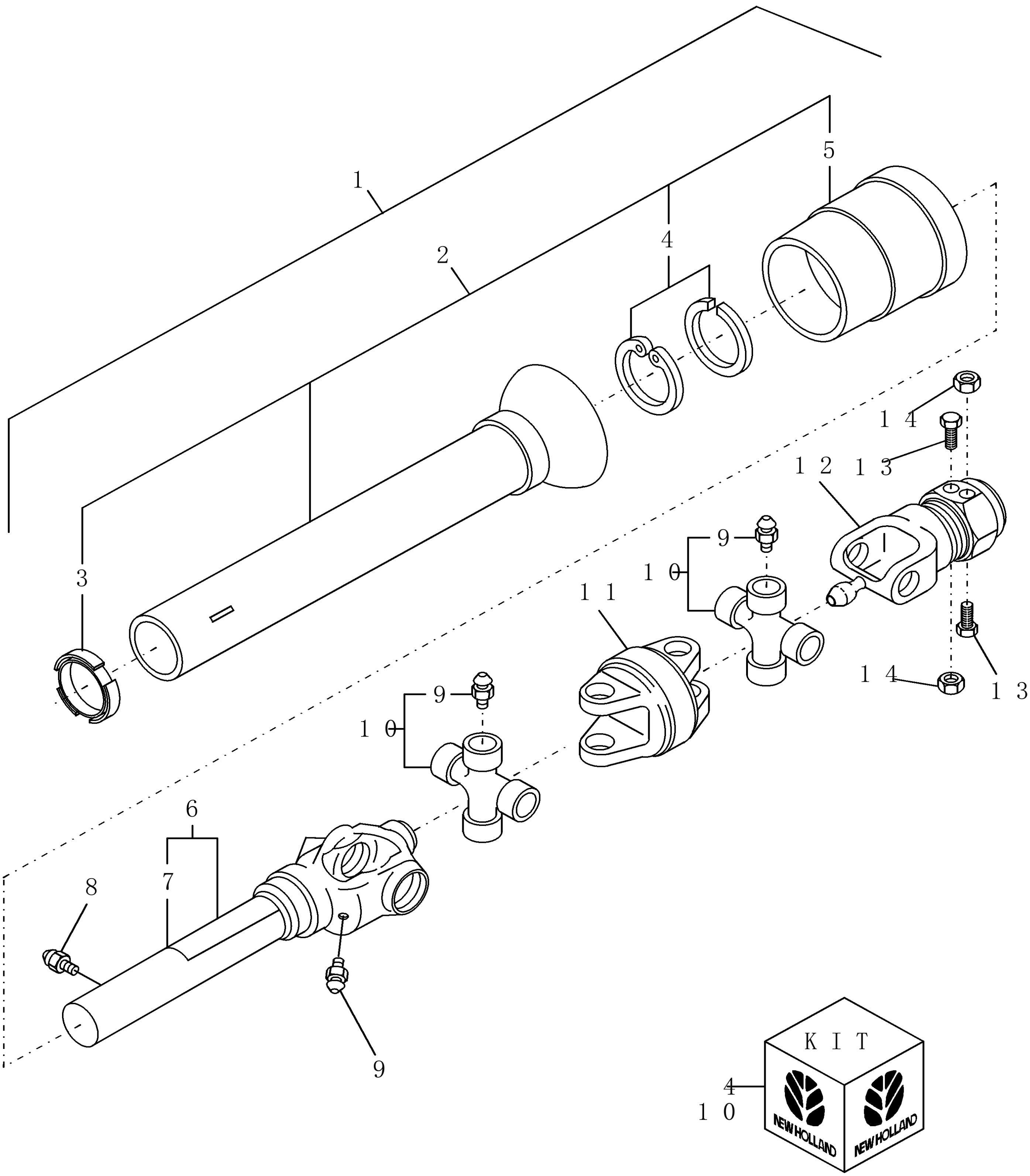
PTO, FRONT HALF, ASSY 87056346, NOT FOR SWIVEL HITCH

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	87056346		1	FRONT PTO ASSY 1-3/8" 21 Spline, Incl 2 - 11
2		86534533		1	REPAIR KIT Auto-Lok, Incl (1) Retaining Ring, (1) Collar, (1) Spring, (2) Pawls & (4) Balls & Instructions
3		86539636		1	YOKE 1-3/8" Auto, Incl 2
4		86551252		2	SPIDER Cross Kit, Incl Ref. 5, Snap Rings NSS
5		86520893		1	HOUSING CV Center HSG
6		86592687		1	YOKE W/Shaft
7		87050379		1	REPAIR KIT Nylon, Incl (1) Nylon Bearing & (1) Retaining Ring
8		849471		1	DANGER DECAL Sign
9		86536635		1	DECAL Lubrication
10		88775		2	LUBE NIPPLE 1/4" - 28
11		87056312		1	GUARD ASSY. Incl Inner & Outer Guards

(1) Applies to Units Built After 12/08/04

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PRIMARY PTO, REAR HALF, NOT FOR SWIVEL HITCH



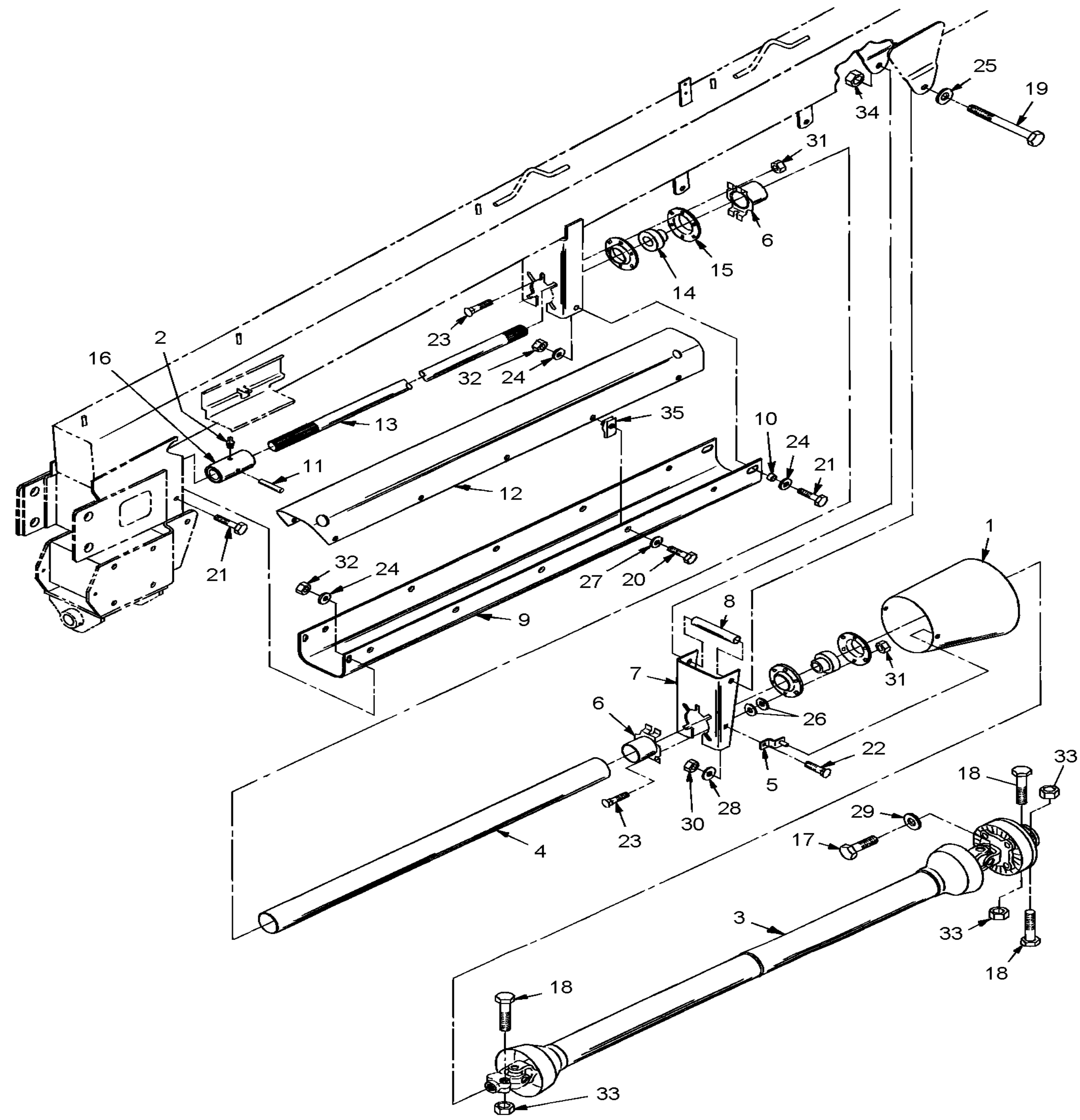
PRIMARY PTO, REAR HALF, NOT FOR SWIVEL HITCH

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	86621894		1	PTO Shaft, Rear Half., Includes: Ref. 2 - 12
1	2	87056347		1	REAR PTO ASSY Half., Includes: Ref. 2 - 12
2		86621893		1	GUARD Inner, Metal; Includes: Ref. 3 - 5
2		87056312		1	GUARD ASSY. Set, Plastic; Includes: Inner & Outer Guards
3	3	86575864		1	RING
4	3	86505713		1	NYLON BEARING Nylon Bearing. Includes: (1) Nylon Bearing & (1) Retaining Ring
4	4	87050379		1	REPAIR KIT Nylon Bearing. Includes: (1) Nylon Bearing & (1) Retaining Ring
5	3	86510899		1	SHIELD Extension, W/Centralizer
6		86592684		1	YOKE Tube & Slip Sleeve. Includes: Ref. 7
7		849472		1	DANGER DECAL Shield Missing, English
8		86542773		1	LUBE NIPPLE 3/16" 1/4" - 28 Short
9		88775		3	LUBE NIPPLE 1/4" - 28 Straight
10		86520873		2	BEARING ASSY Kit, Includes: Ref. 9
11		86520874		1	UNIVERSAL JOINT Center, CAT6, 50°
12		86539234		1	YOKE
13		280620		2	BOLT Hex, 1/2" - 13 x 3", Gr 8
14		88871		2	NUT 1/2" - 13, Gr C

(1) **W/Metal Guard**
(2) **W/Plastic Guard**
(3) **Used W/Metal Guard**
(4) **Used W/Plastic Guard**

01.03		p1	3/2020

SWIVEL TONGUE DRIVE SHAFT



Refer to Figure 12.03 for the Standard Tongue Drive Shaft.

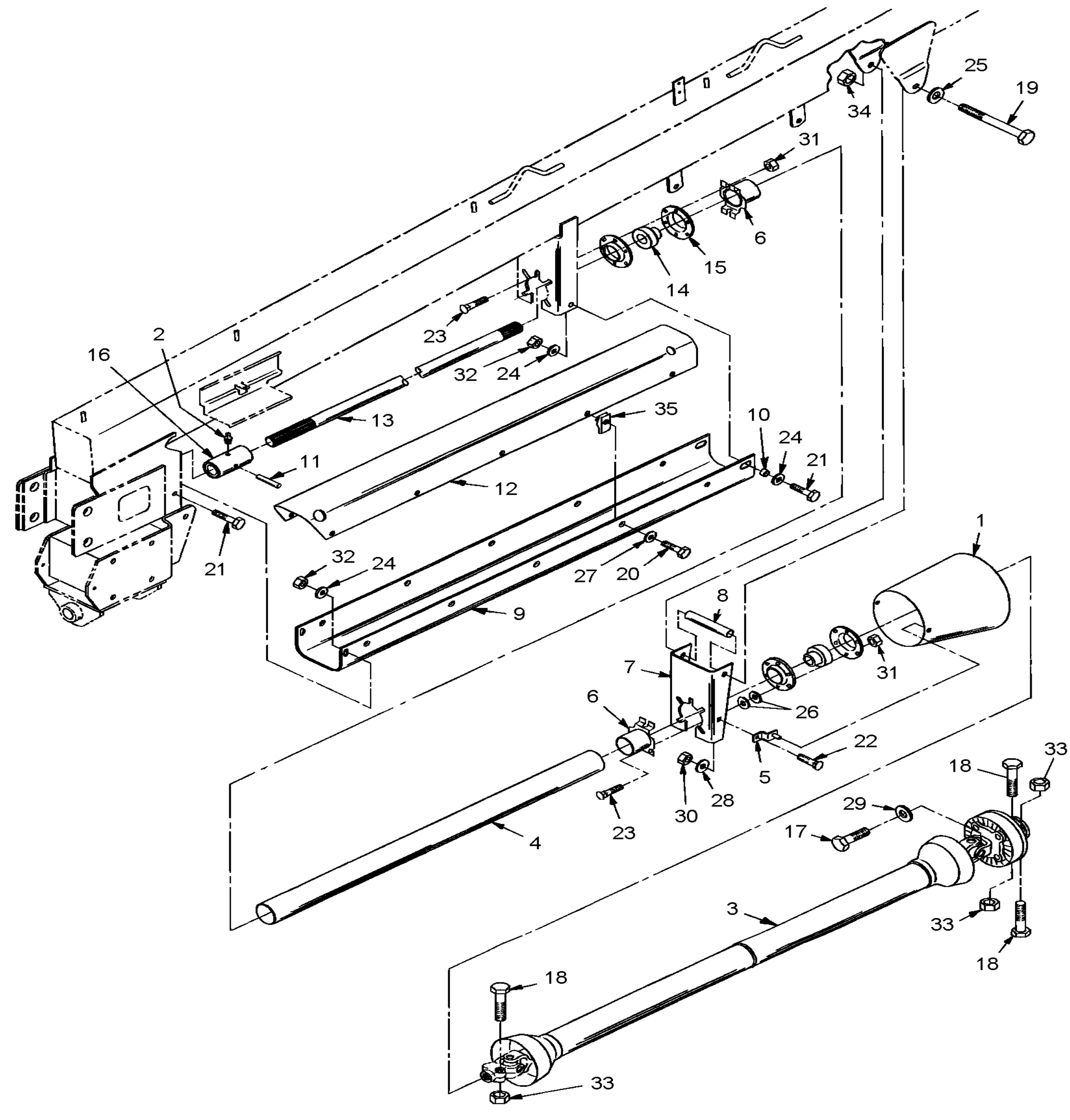
SWIVEL TONGUE DRIVE SHAFT

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86532561		1	SHIELD
2		88775		1	LUBE NIPPLE 1/4" - 28 Straight
3	1	86534713		1	PTO Secondary, Front Half, Refer to Fig. 01.03-1
3	2	86598602		1	PTO Secondary, Front Half, Refer to Fig. 01.03-1
3	3	86600824		1	PTO Secondary, Rear Half, Refer to Fig. 01.04-1
4		86579262		1	SHIELD
5		86629976		2	BRACKET
6		86599724		2	BRACKET Includes: Foam Tape
6		853891		AR	TAPE Black Vinyl Foam - 3" x 144"
7		86629974		1	CHANNEL
8		86541412		1	SPACER
9		86549037		1	CHANNEL
10		14357		2	SPACER 13.5mm ID x 19mm OD x 10.8mm L
11		81824		1	GROOVED PIN 7.94mm OD x 63.5mm L
12		86629972		1	SHIELD Front
13		86519784		1	SHAFT
13	2	86626280		1	SHAFT
14		86552016		2	BALL BEARING 38.1mm ID x 80mm OD x 21.01mm W
15		86629969		4	FLANGE
16		9624204		1	COUPLING
17		9707516		AR	BOLT 1/2"-13 x 1-3/4", Gr 5
18		280620		AR	BOLT Hex, 1/2" - 13 x 3", Gr 8
19		280743		1	BOLT Hex, 5/8" - 11 x 8", Gr 5
20		86521553		10	BOLT Hex, 5/16" - 18 x 1", Gr 5
21		86521615		5	BOLT Hex, 1/2" - 13 x 1-1/2", Gr 5

(1) **BSN 673583**
(2) **ASN 673583**
(3) **ASN 645446**

01.03		p2	3/2020

SWIVEL TONGUE DRIVE SHAFT



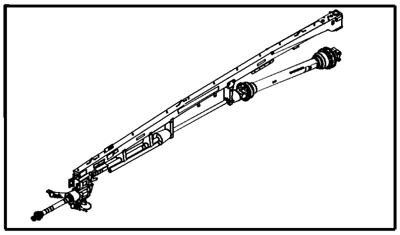
Refer to Figure 12.03 for the Standard Tongue Drive Shaft.

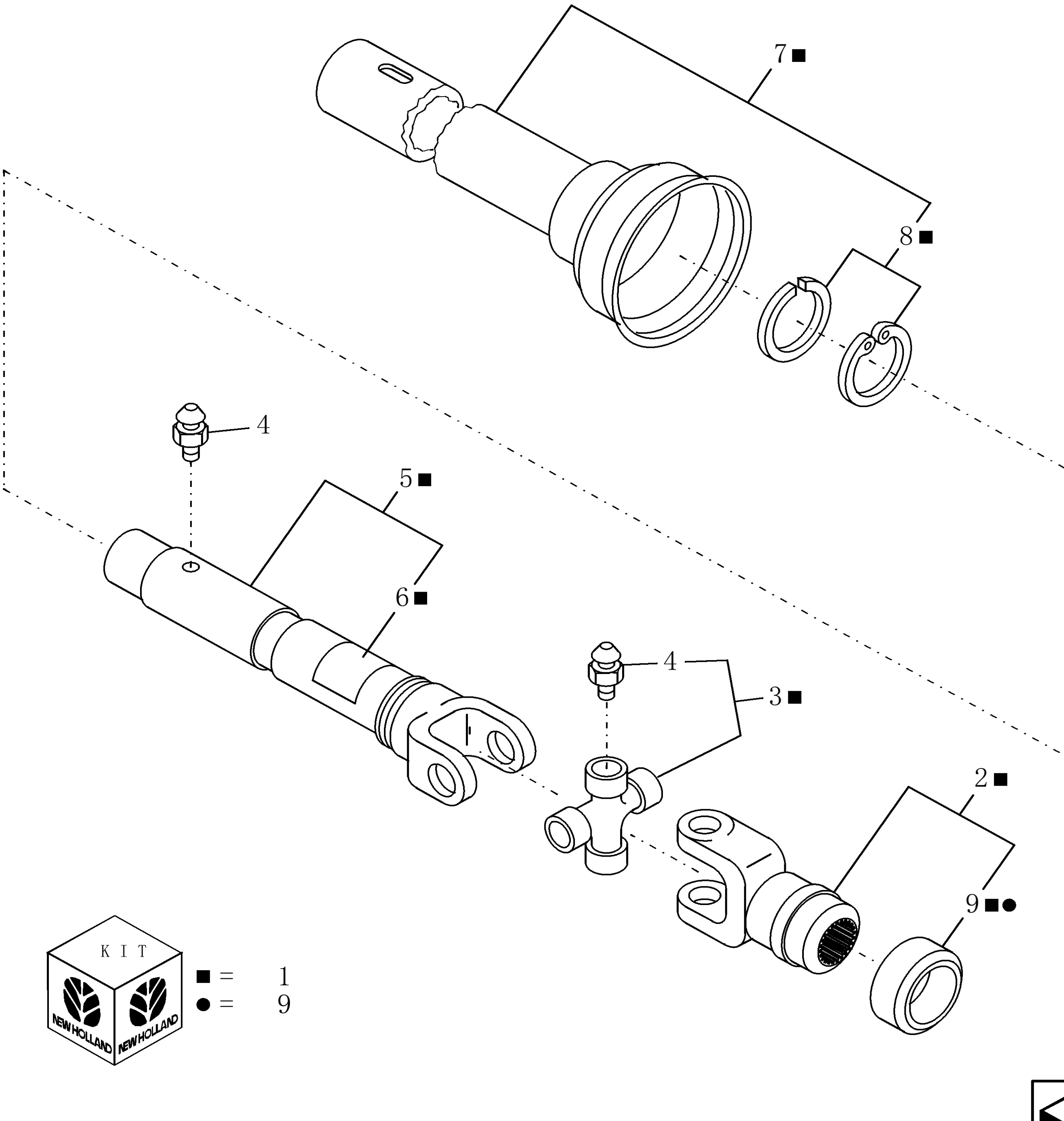
SWIVEL TONGUE DRIVE SHAFT

REF FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
22	88682		2	CARRIAGE BOLT Short Nk, 3/8" - 16 x 1", Gr 5
23	87868		11	CARRIAGE BOLT Sq Nk, 1/2" - 13 x 1 1/4", Gr 5, Full Thd
24	80700		6	WASHER 0.56" ID x 1.38" OD x 0.11" Thk
25	80299		2	WASHER 0.69" ID x 1.75" OD x 0.13" Thk
26	87365		2	WASHER 0.66" ID x 1.31" OD x 0.1" Thk
27	80681		10	LOCK WASHER 5/16" ID x 19/32" OD x 1/8" Thk
28	140045		2	BELLEVILLE WASHER 10mm ID x 22mm OD x 1.6mm Thk
29	86513238		AR	LOCK WASHER .515” ID x 1.070” OD x .120” Thk Belleville, 1/2"
30	86521606		2	FLANGE NUT Hex, 3/8" - 16, Gr 5
31	86521607		12	FLANGE NUT Flg, 1/2" - 13, Gr 5
32	88871		4	NUT 1/2" - 13, Gr C
33	88871		AR	NUT 1/2" - 13, Gr C
34	86521611		1	FLANGE NUT Flg, 5/8" - 11
35	9626645		10	NUT Speed, 5/16"-18

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SECONDARY PTO, FRONT





SECONDARY PTO, FRONT

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	86534713		1	PTO Front Half
1	2	86598602		1	PTO Front Half
2	1	86539235		1	YOKE Clamp, 23 Spline
2	2	86598606		1	YOKE Auto-Lok, 1-3/8"- 21 Spline
3		86520896		2	BEARING ASSY Includes: Ref. 4
4		88775		AR	LUBE NIPPLE 1/4" - 28
5		86539640		1	YOKE 67.56" L W/Tube
6		849472		1	DANGER DECAL Shield Missing, English
6		849483		1	DANGER DECAL French
6		9801256		1	DANGER DECAL DANGER, Spanish
7		86536187		1	GUARD Inner
8		86505713		2	NYLON BEARING (1) Nylon Bearing & (1) Retaining Ring
9	3	86534533		AR	REPAIR KIT Auto-Lok

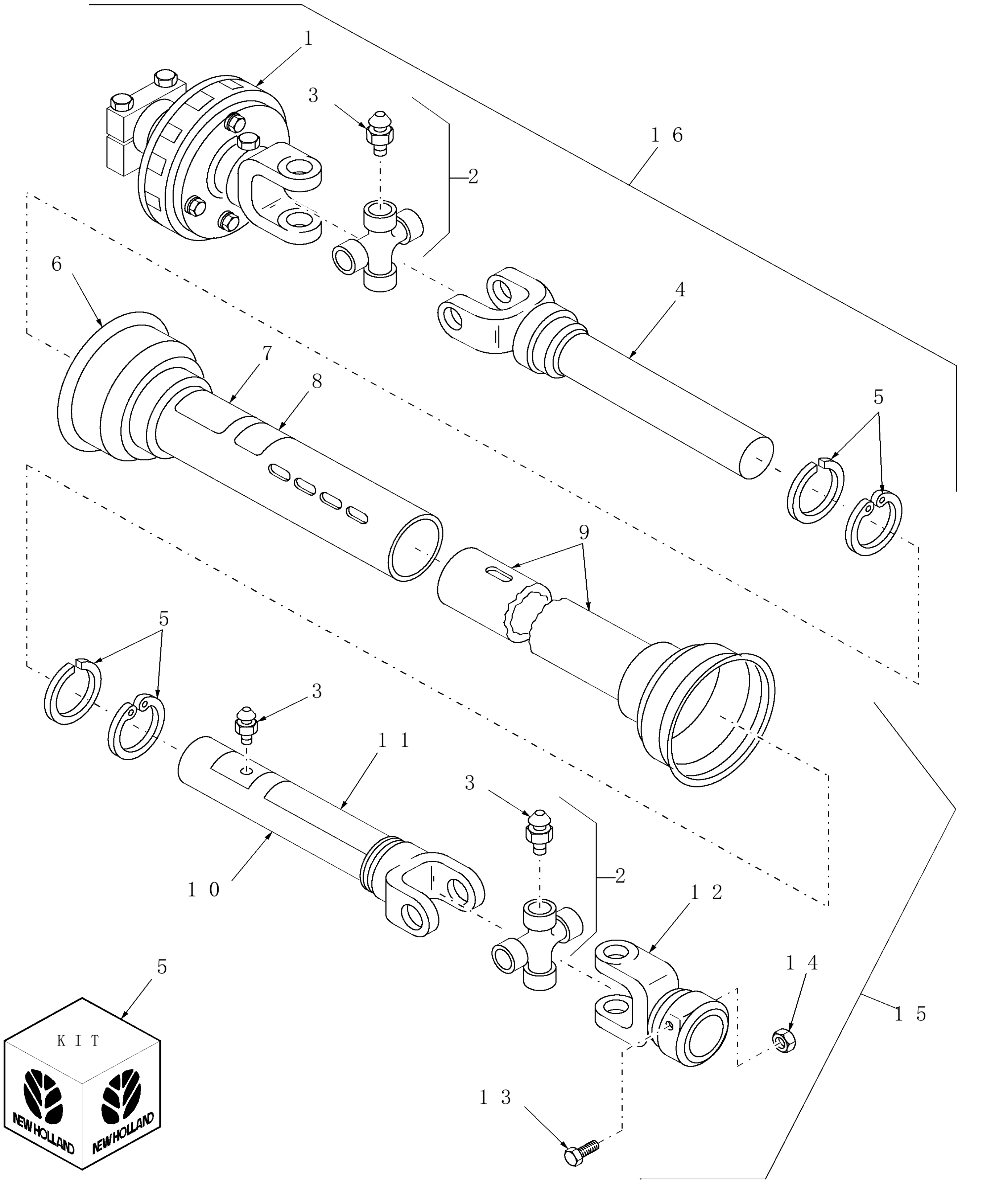
(1) **BSN 673583**

(2) **ASN 673583**

(3) **Includes: (4) Balls, (2) Pawls, (1) Collar, (1) Spring & (1) Retaining Ring**

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SECONDARY PTO, W/CLUTCH, BSN-645446

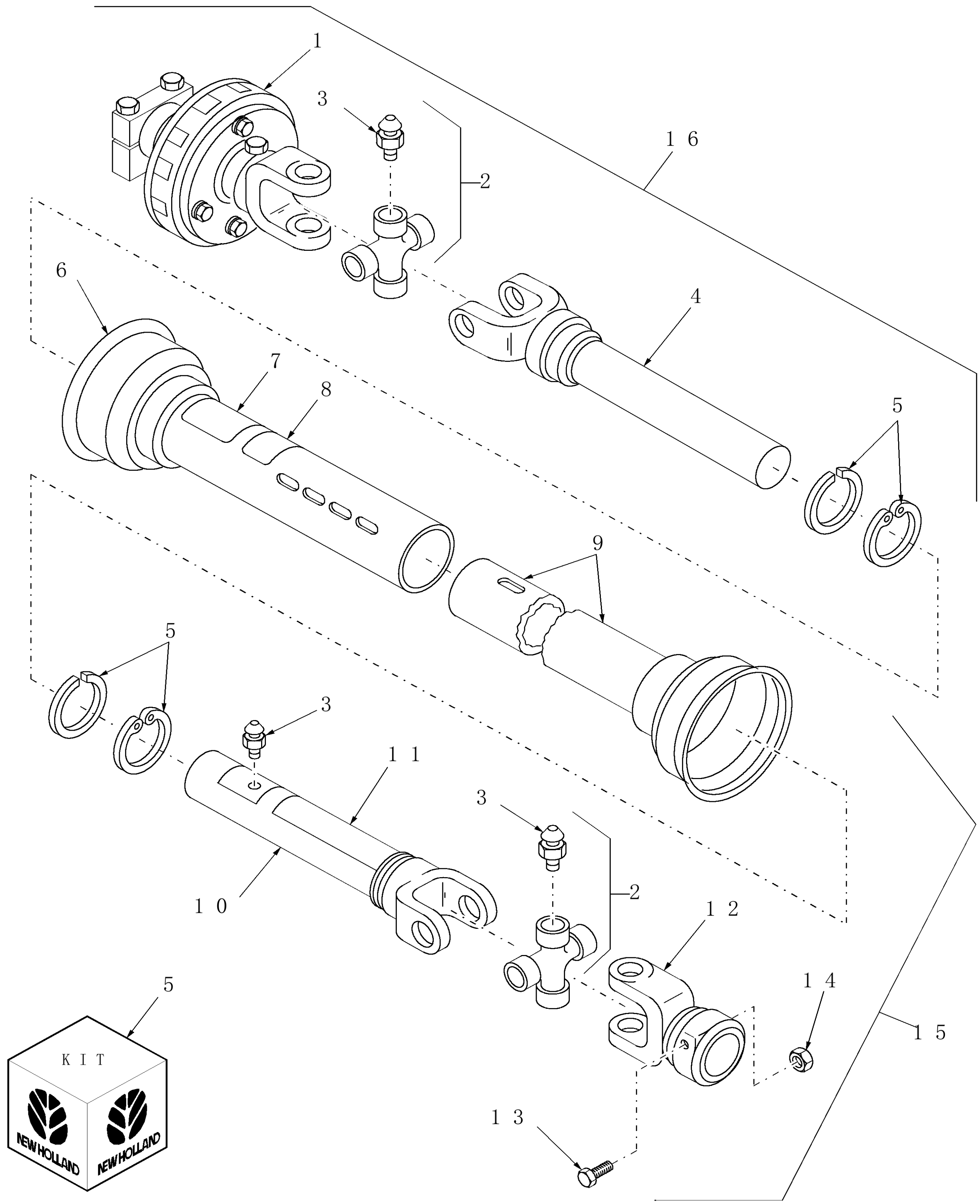


SECONDARY PTO, W/CLUTCH, BSN-645446

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		0C		1	ORDER COMPONENTS Clutch, Overrunning, Refer to Fig. 01.06
2		86520896		2	BEARING ASSY Includes: Ref. 3
3		88775		3	LUBE NIPPLE 1/4" - 28 Straight
4		86539639		1	YOKE W/Shaft
5		86505713		2	NYLON BEARING Nylon, Includes: (1) Nylon Bearing & (1) Retaining Ring
6		86536188		1	GUARD Outer. Includes: Ref. 5, 7, & 8
7		849471		1	DANGER DECAL Rotating Driveline - English
7		849482		1	DANGER DECAL Rotating Driveline, French
7		9801260		1	DANGER DECAL Rotating Driveline - Spanish
8		86593134		1	DECAL Grease per Hours Shown - English
8		86593136		1	DECAL Grease per Hours Shown - French
8		86593135		1	DECAL Grease per Hours Shown - Spanish
9		86536187		1	GUARD Inner, Includes:
10		86539640		1	YOKE 67.56" L Tube & Slip Sleeve. Includes: Ref.11
11		849472		1	DANGER DECAL Shield Missing, English
11		849483		1	DANGER DECAL Shield Missing, French
11		9801256		1	DANGER DECAL DANGER - Shield Missing - Spanish
12		86539235		1	YOKE
13		280620		1	BOLT Hex, 1/2" - 13 x 3", Gr 8
14		88871		1	NUT 1/2" - 13, Gr C
15		86534713		1	PTO Front Half, Includes: Ref. 2, 3, 5, 9 & 11 - 14

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SECONDARY PTO, W/CLUTCH, BSN-645446

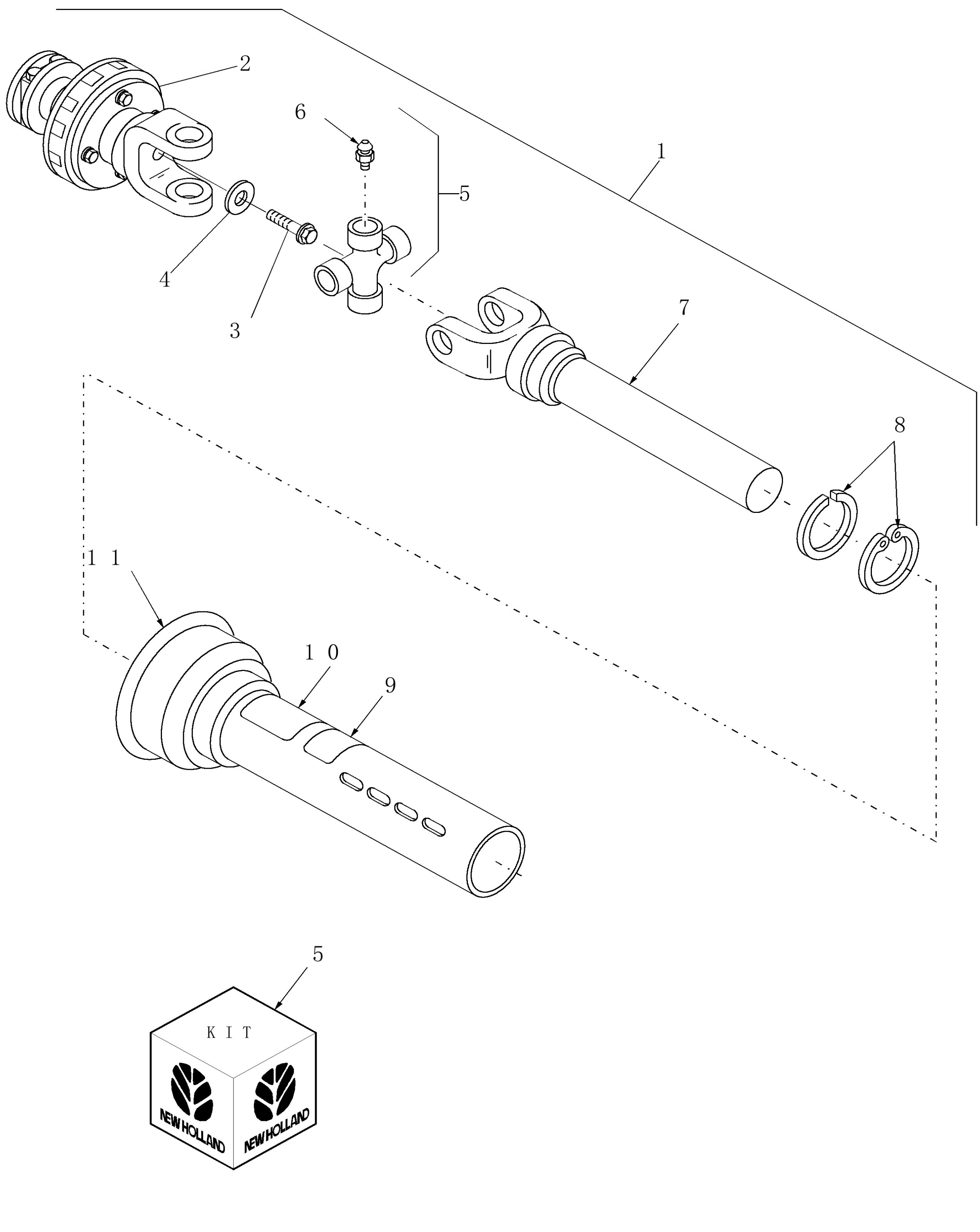


SECONDARY PTO, W/CLUTCH, BSN-645446

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
16		86600824		1	PTO Rear Half, Includes: Ref. 1 - 8

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SECONDARY PTO W/ CLAMP & HUB ON CLUTCH, ASN-645446

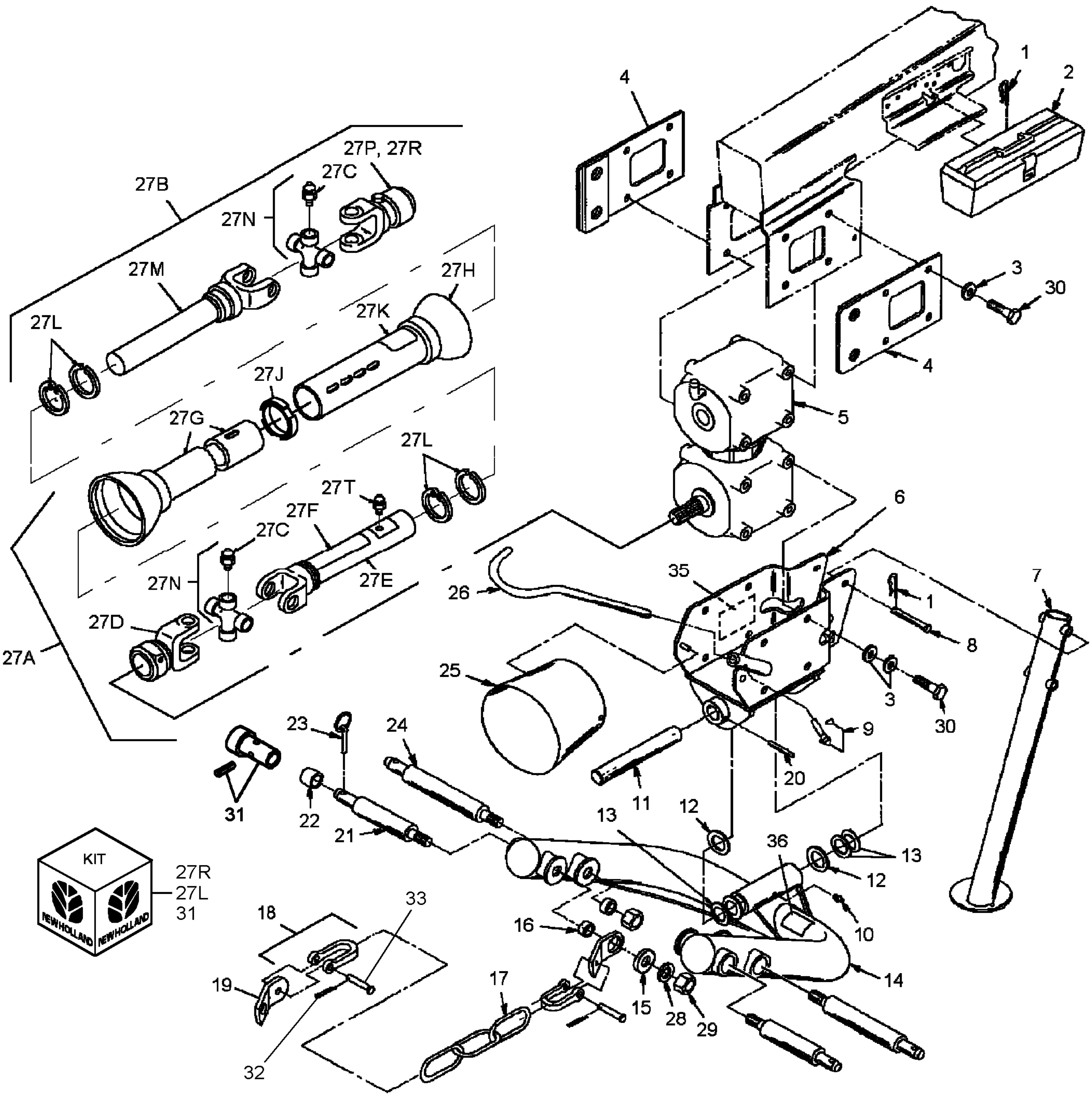


SECONDARY PTO W/ CLAMP & HUB ON CLUTCH, ASN-645446

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86600824		1	PTO Rear Half, Includes: Ref. 2 - 11
2		0C		1	ORDER COMPONENTS Clutch - Refer to Fig. 01.06-1
3		87670		1	BOLT 1/2" - 13 x 1-1/4", Full Thd, Gr 5
4		86513238		1	LOCK WASHER .515” ID x 1.070” OD x .120” Thk Belleville, 1/2"
5		86520896		1	BEARING ASSY Includes: Ref. 6
6		88775		1	LUBE NIPPLE 1/4" - 28 Straight
7		86539639		1	YOKE & Shaft
8		86505713		1	NYLON BEARING Nylon Bearing
9		849471		1	DANGER DECAL Rotating Driveline - English
9		849482		1	DANGER DECAL Rotating Driveline, French
9		9801260		1	DANGER DECAL Rotating Driveline - Spanish
10		86593134		1	DECAL Grease per Hours Shown - English
10		86593136		1	DECAL Grease per Hours Shown - French
10		86593135		1	DECAL Grease per Hours Shown - Spanish
11		86536188		1	GUARD Outer - Includes: Ref. 8, 9, & 10

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SWIVEL HITCH & PTO, BSN-650204



SWIVEL HITCH & PTO, BSN-650204

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86627125		3	COTTER PIN 0.148" OD x 2.75" OAL, Internal
2		5135060		1	TOOL BOX
3		574245		24	WASHER 16.76mm ID x 50.8mm OD x 6.35mm Thk Hardened, Special, M16
4	1	86554035		2	PLATE
5	2,3	86518541		1	GEARBOX Swivel, Refer to Fig. 03.01, 6T Shaft, No Longer Available
5		86592258R		1	REMAN-GEARBOX GEARBOX Reman for New PN 86518541
5		86592258C		1	CORE-GEARBOX GEARBOX Return Number
5	4,5	86592258		1	GEARBOX Swivel, Refer to Fig. 03.01-1, 21T Shaft
5		86592258R		1	REMAN-GEARBOX GEARBOX Gearbox
5		86592258C		1	CORE-GEARBOX GEARBOX Return Number, Gearbox, Swivel
6		86587221		1	TRUNNION Includes: Decals
6		86536919		1	DECAL ATTENTION - Store Jack......
6		165109		1	DECAL Lube Fitting
7		86629921		1	SUPPORT
8		29851		2	PIN 15.87mm OD x 128.8mm L Clevis, 5/8" x 4-9/16", Drawbar
9		647695		1	PIN 7.94mm OD x 69.85mm L Snap
10		88775		1	LUBE NIPPLE 1/4" - 28 Straight
11		86519423		1	PIN
12		233295		2	WASHER 38.48mm ID x 63.5mm OD
13		28691		AR	WASHER 39mm ID x 60mm OD x 0.89mm Thk
14		86584119		1	FRAME Hitch

(1) **Not Used on Later Tongue Assemblies**

(2) **Used On TONGUES BSN-639638, This Is The TONGUE Serial Number.**

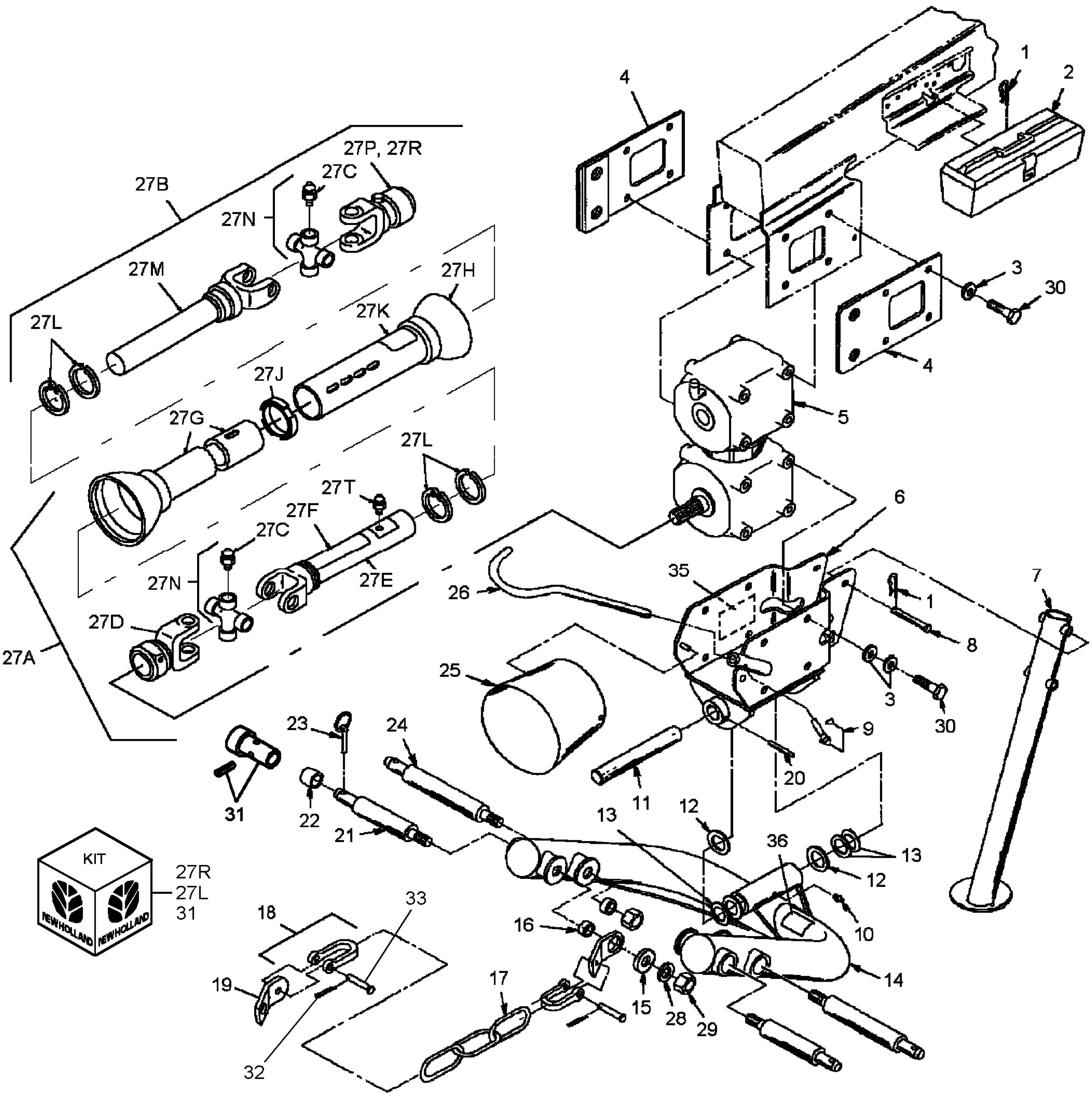
(3) **Use W/ Ref. 27D, 6 Spline Yoke**

(4) **Used On TONGUES ASN-639639, This Is The TONGUE Serial Number.**

(5) **Use W/ Ref. 27D, 21 Spline Yoke**

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SWIVEL HITCH & PTO, BSN-650204



SWIVEL HITCH & PTO, BSN-650204

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
15		9801099		2	WASHER
16		612121		2	SPACER
17		9826529		2	CHAIN 799mm L Safety
18		573120		4	SHACKLE Shackle, Chain, Includes: Ref. 32 & 33
19		9826528		4	CONNECTING LINK
20		87948		1	LOCK PIN 7.94mm OD x 63.5mm L, Slotted
21		86578389		2	PIN L = 12.46"
22		81846686		2	BUSHING 28.7mm ID x 36.7mm OD x 44.7mm L See Ref 31
23		132757		3	LINCH PIN 11.11mm OD x 44.45mm L Two Used in Unit, One Used in Shipping, See Ref 31
24		86578390		2	PIN Long, CAT II; L = 15.25"
25		86549399		1	SHIELD
26		86504288		1	SUPPORT
27A		86560325		1	PTO Rear Half, Includes Ref. 27C,D,E,F,G,J,L, N &T
27B		86598161		1	PTO Front, 1-3/8", Includes Ref. 27C,H,K,L,M,N & P
27B		86561191		1	PTO Front, 1-3/4", Includes Ref. 27C,H,K,L,M,N & P
27C		88775		AR	LUBE NIPPLE 1/4" - 28 Straight
27D	1,2	86560323		AR	YOKE Rear Lock, 6T Spline - Service with Ref. 27R
27D	3,4	86560318		AR	YOKE 1 - 3/8" - 21 Spline Rear Lock, 21T Spline - Service with Ref. 27R
27E		86560322		AR	YOKE Tube Sleeve, Includes: Ref. 27F

(1) Used On TONGUES BSN-639638, This Is The TONGUE Serial Number.

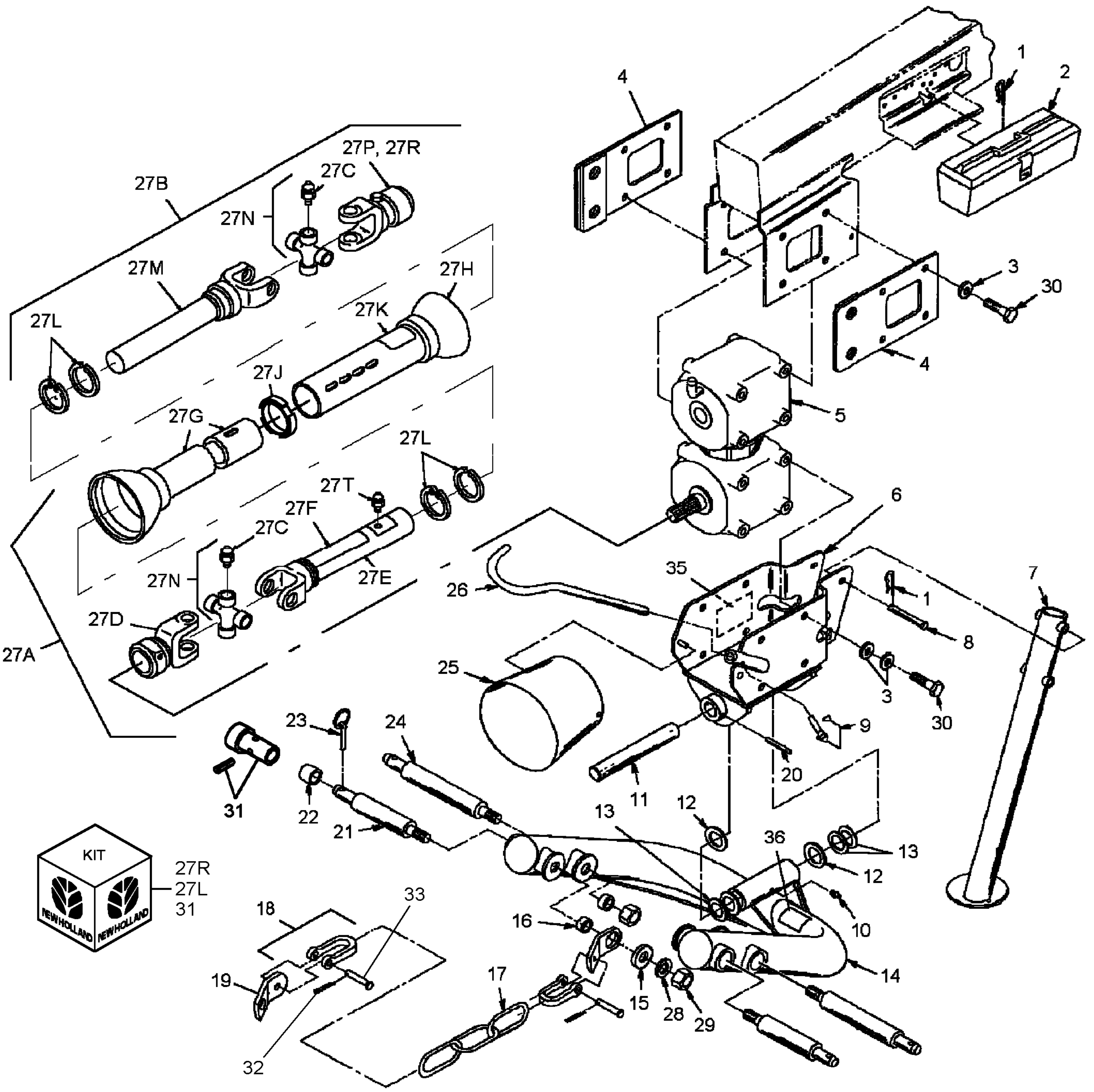
(2) Use W/ 6 Spline Gear Box

(3) Used On TONGUES ASN-639639, This Is The TONGUE Serial Number.

(4) Use W/ 21 Spline Gear Box

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SWIVEL HITCH & PTO, BSN-650204



SWIVEL HITCH & PTO, BSN-650204

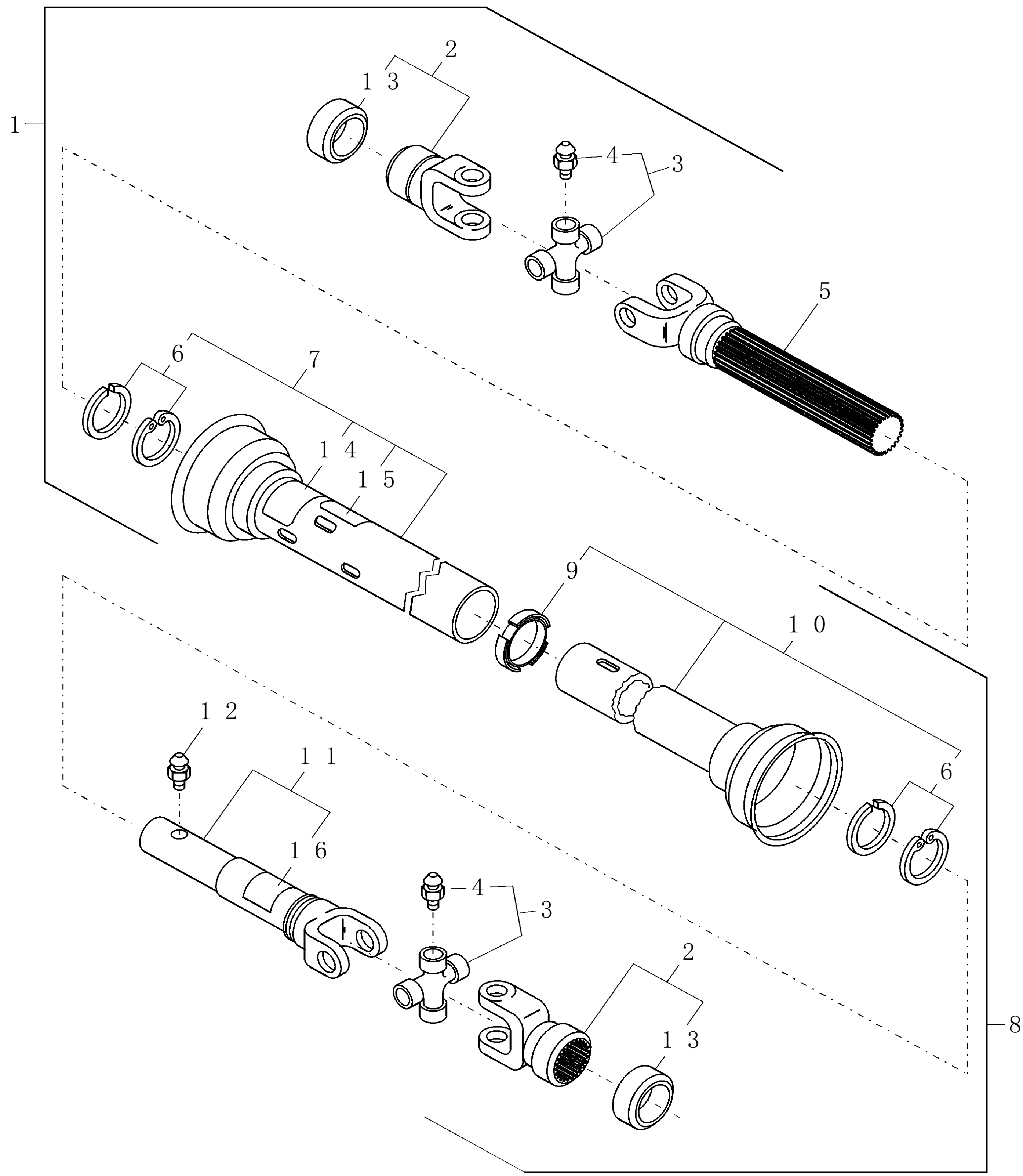
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
27F		849472		AR	DANGER DECAL Shield Missing, English
27G		86598145		AR	INNER SHIELD Includes: Ref. 27J & 27L
27H		86598144		AR	OUTER SHIELD Includes: Ref. 27L, Decals 27K & 27S
27J	1	86575864		AR	RING Six Spline Gearbox ONLY
27K		849471		AR	DANGER DECAL Rotating Driveline
27L		86505713		AR	NYLON BEARING
27M		86560319		AR	YOKE & Shaft, 1-3/8" & 1-3/4"
27N		86520896		AR	BEARING ASSY 1-3/8" & 1-3/4"
27P		86560318		AR	YOKE 1 - 3/8" - 21 Spline Front Lock, 1-3/8"" - Service with Ref. 27R
27P		87737194		AR	YOKE 1 - 3/4" - 20 Spline Front Lock, 1-3/4" - Service with Ref. 27R
27R		86534533		AR	REPAIR KIT Auto-Lok, 1-3/8"
27R		86539714		AR	REPAIR KIT Auto-Lok, 1-3/4"
27S		86593134		AR	DECAL Lube, (Not Shown) Used on Ref. 27H
27T		86542773		1	LUBE NIPPLE 3/16"
28		87342		2	LOCK WASHER 25.48mm ID x 42.06mm OD x 6.35mm Thk
29		9849633		4	NUT 1" - 8, Gr 5
30		86578627		16	LOCK BOLT Hex, 5/8" x 1.50", Gr 5 Cap, HH, Self-Locking, G5, 5/8"-11 x 1-1/2", Special
31	2	87298929		1	KIT Bushing Adapter
32		80755		1	COTTER PIN 1/8" OD x 1" L
33		64162		1	CLEVIS PIN 12.6mm OD x 54.76mm L

(1) **Used On TONGUES BSN-639638, This Is The TONGUE Serial Number.**

(2) **Includes: (2) Bushings & (2) Pins - Use in Place of Ref. 22 & 23 with Quick Hitch**

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SWIVEL TONGUE PTO, 2 POINT, ASN-650204



SWIVEL TONGUE PTO, 2 POINT, ASN-650204

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1,2	86598161		1	PTO Front Half, 1-3/8", Includes: Ref. 2 -7
1	3	87345107		1	FRONT PTO ASSY 1-3/8", Includes: Ref. 2 -7
1	4,2	86561191		1	PTO Front Half, 1-3/4", Includes: Ref. 2 -7
1	4,3	87345105		1	FRONT PTO ASSY 1-3/4", Includes: Ref. 2 -7
2		86560318		2	YOKE 1 - 3/8" - 21 Spline Front Lock, 1-3/8", Includes: Ref. 13
2	5	87737194		1	YOKE 1 - 3/4" - 20 Spline Front Lock, 1-3/4", Includes: Ref. 13
3		86520896		2	BEARING ASSY Bearing, Includes: Ref. 4
4		88775		2	LUBE NIPPLE 1/4" - 28 Straight
5		86560319		1	YOKE W/Shaft
6	6	86505713		2	NYLON BEARING Nylon Bearing
6	7	87050379		2	REPAIR KIT Nylon Bearing
7		86598144		1	OUTER SHIELD Metal; Includes Ref. 6, 14, & 15
7		87345115		1	GUARD Set, Plastic; Includes: Inner & Outer Shields, Plus Ref. 14 & 15
8	2	86621886		1	REAR PTO ASSY Half, 1-3/8", Includes: Ref. 2, 3, 4, 6, 9, 10, & 11
8	3	87345104		1	REAR PTO ASSY Half, 1-3/8", Includes: Ref. 2, 3, 4, 6, 10, & 11
9	6	86575864		1	RING

(1) **Used On TONGUES ASN-639639, This Is The TONGUE Serial Number.**

(2) **Metal Shields**

(3) **Plastic Shields**

(4) **Service Only**

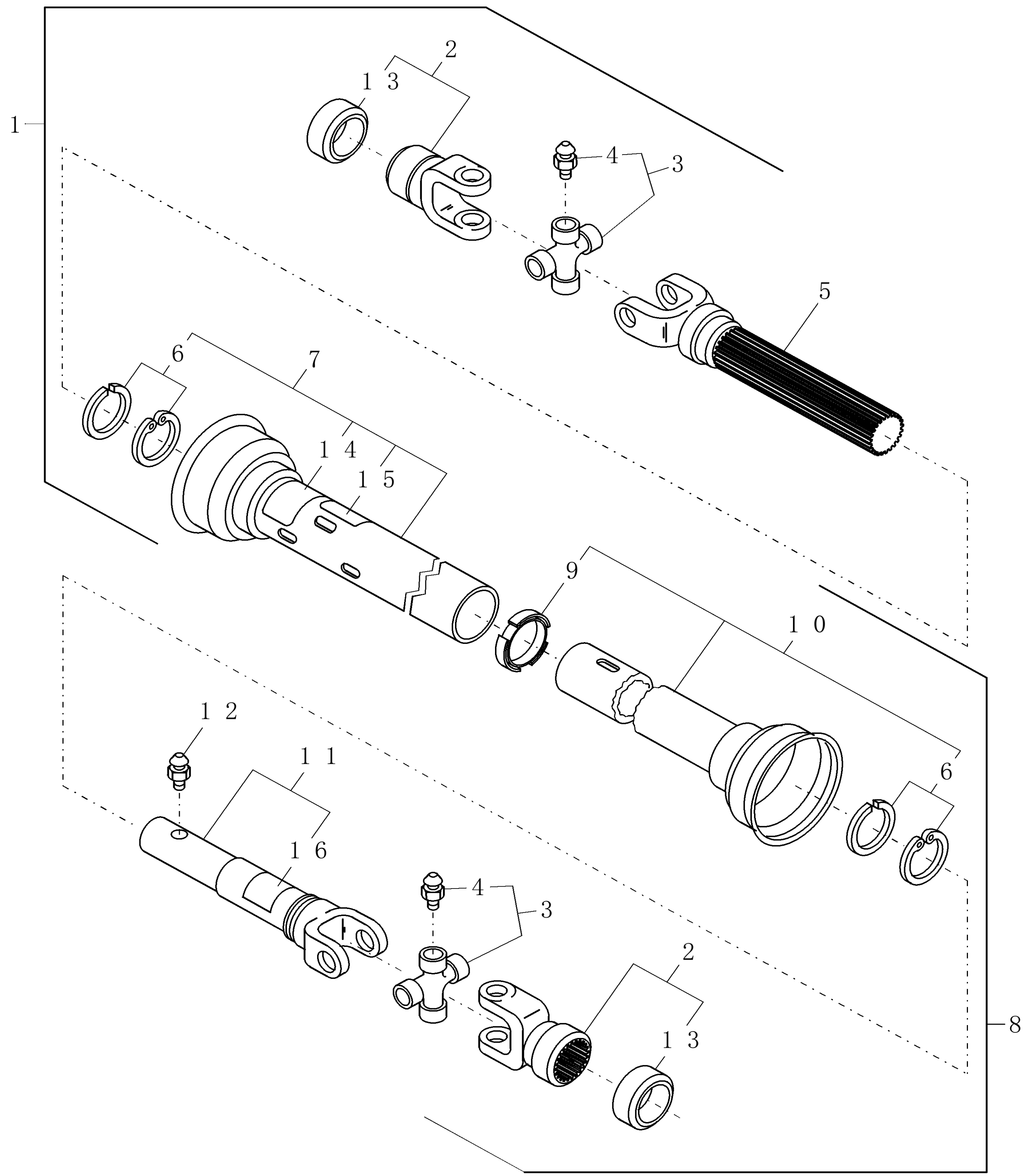
(5) **Used in front PTO assembly only**

(6) **Used W/Metal Guard**

(7) **Used W/Plastic Guard**

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SWIVEL TONGUE PTO, 2 POINT, ASN-650204



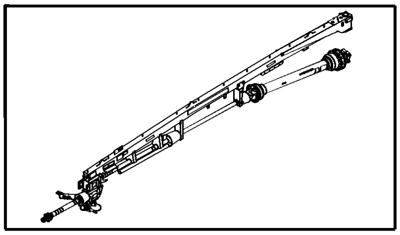
SWIVEL TONGUE PTO, 2 POINT, ASN-650204

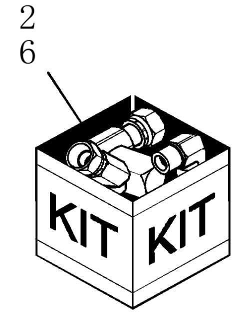
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
10		86598145		1	INNER SHIELD Metal; Includes: Ref. 6 & 9
10		87345115		1	GUARD Set, Plastic; Includes: Inner & Outer Shields, Plus Ref. 14 & 15
11		86560322		1	YOKE Tube & Sleeve, Includes: Ref. 16
12		86542773		1	LUBE NIPPLE 3/16" Press Fit
13	1	86534533		2	REPAIR KIT Auto-Lok, 1-3/8"
13	1	86539714		1	REPAIR KIT Auto-Lok, 1-3/4"
14		849471		1	DANGER DECAL Rotating Driveline - English
14		849482		1	DANGER DECAL Rotating Driveline, French
14		9801260		1	DANGER DECAL Rotating Driveline - Spanish
15		86593134		1	DECAL Lube - English
15		86593136		1	DECAL Lube - French
15		86593135		1	DECAL Lube - Spanish
16		849472		1	DANGER DECAL Shield Missing, English
16		849483		1	DANGER DECAL Shield Missing, French
16		9801256		1	DANGER DECAL DANGER - Shield Missing - Spanish

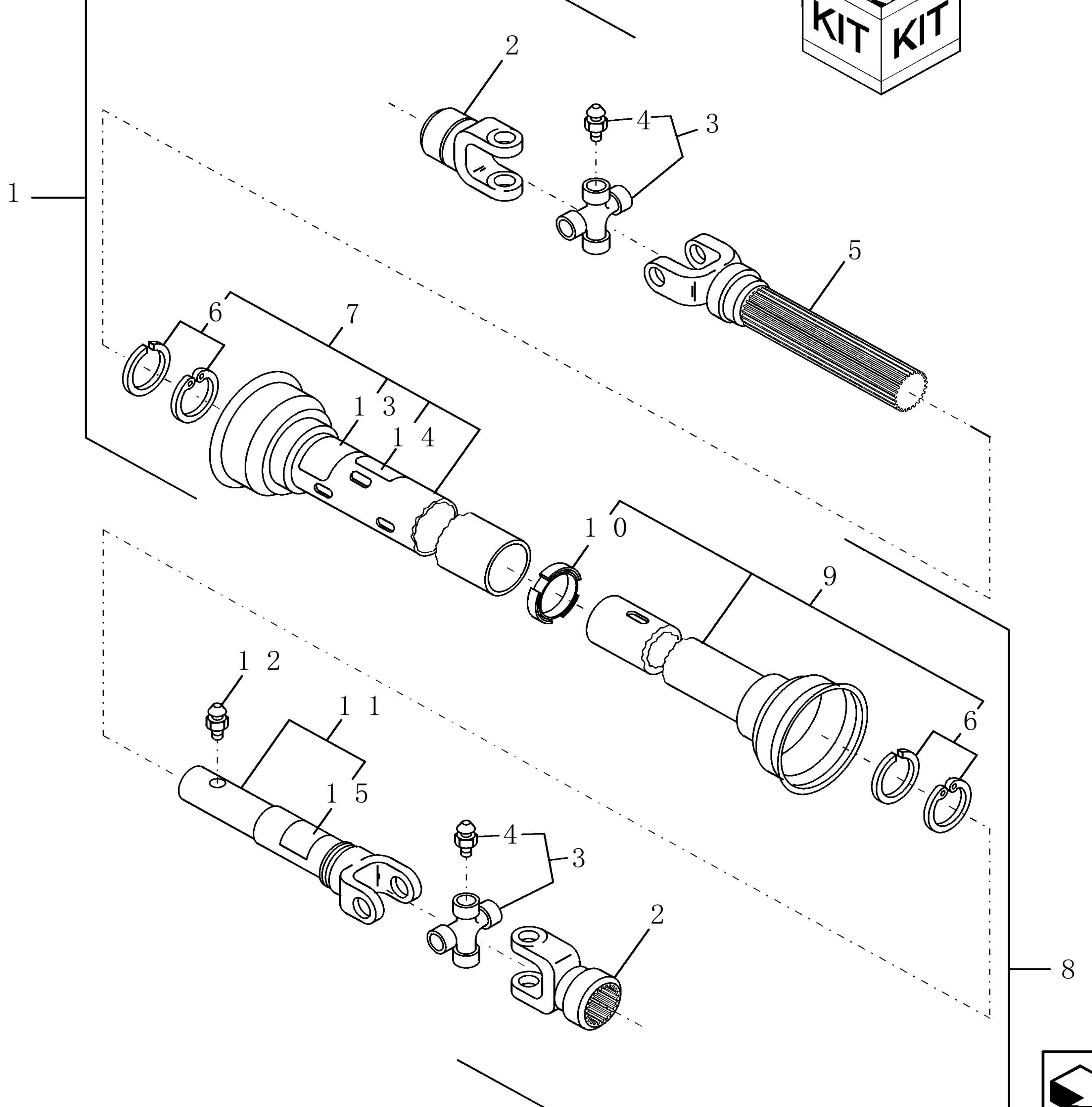
(1) Includes: (1) Coil Spring, (1) Collar, (2) Pawls, (1) Retaining Ring, (4) Balls & Instructions

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SWIVEL TONGUE PTO, DRAWBAR







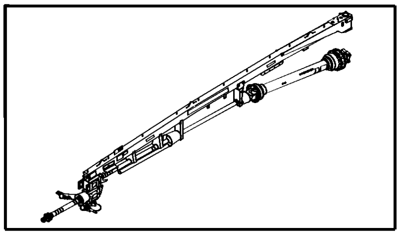
SWIVEL TONGUE PTO, DRAWBAR

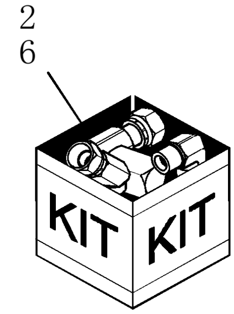
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	86604689		1	PTO Front Half Components, 1-3/8" - Includes Ref 2 -7, 13 & 14
1	2	87061005		1	FRONT PTO ASSY Half Components, 1-3/8" - Includes Ref 2 - 7, 13 & 14
1	2	87061004		1	FRONT PTO ASSY Half Components, 1-3/4" - Includes Ref 2 - 7, 13 & 14
2		86560318		2	YOKE 1 - 3/8" - 21 Spline Front Lock Ass'y.. 1-3/8"
2		87737194		1	YOKE 1 - 3/4" - 20 Spline Front Lock Ass'y.. 1-3/4"
2	3	86534533		AR	REPAIR KIT Auto-Lok - Services 1-3/8" Yoke
2		86539714		AR	REPAIR KIT Auto-Loc - Services 1-3/4" Yoke, Includes: (1) Retaining Ring, (1) Spring, (1) Collar, (2) Pawls, (4) Balls & Instructions
3		86520896		2	BEARING ASSY Bearing
4		88775		AR	LUBE NIPPLE 1/4" - 28 Straight
5		86603737		1	YOKE & Shaft
6	4,5	86505713		2	NYLON BEARING Nylon Bearing - Services (7 & 9)
6	6	87050379		1	REPAIR KIT Inner
6	6	87039062		1	REPAIR KIT Outer
7		86593145		1	GUARD Outer, Metal - Includes Ref 6, 13 & 14
7		87060071		AR	GUARD ASSY. Set, Inner & Outer; Plastic

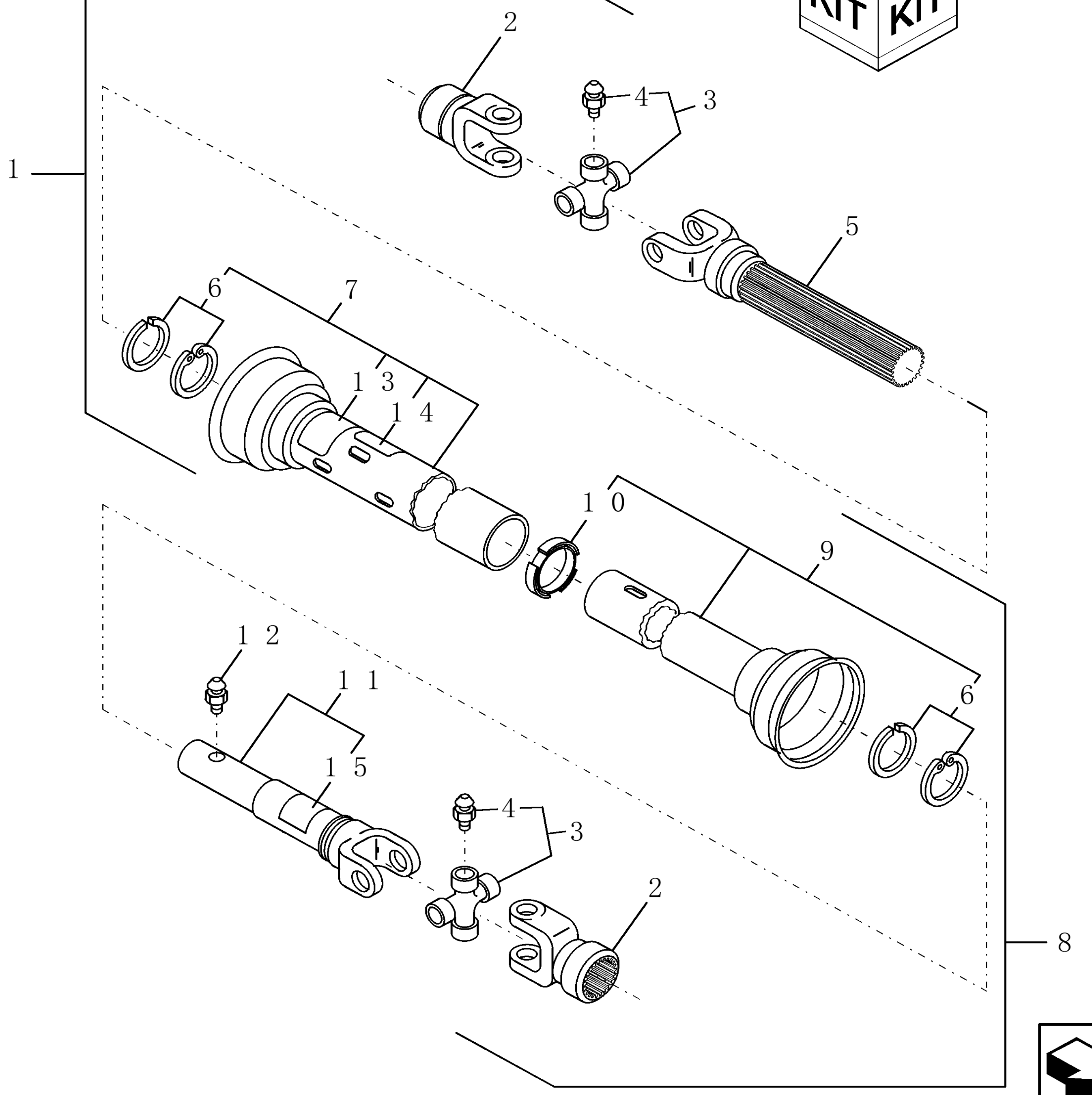
(1) Metal Shields
(2) Plastic Shields
(3) Includes: (1) Retaining Ring, (1) Spring, (1) Collar, (2) Pawls, (4) Balls & Instructions
(4) Includes: (1) Nylon Bearing & (1) Retaining Ring
(5) For Use W/Metal Shields
(6) For Use W/Plastic Shields

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SWIVEL TONGUE PTO, DRAWBAR





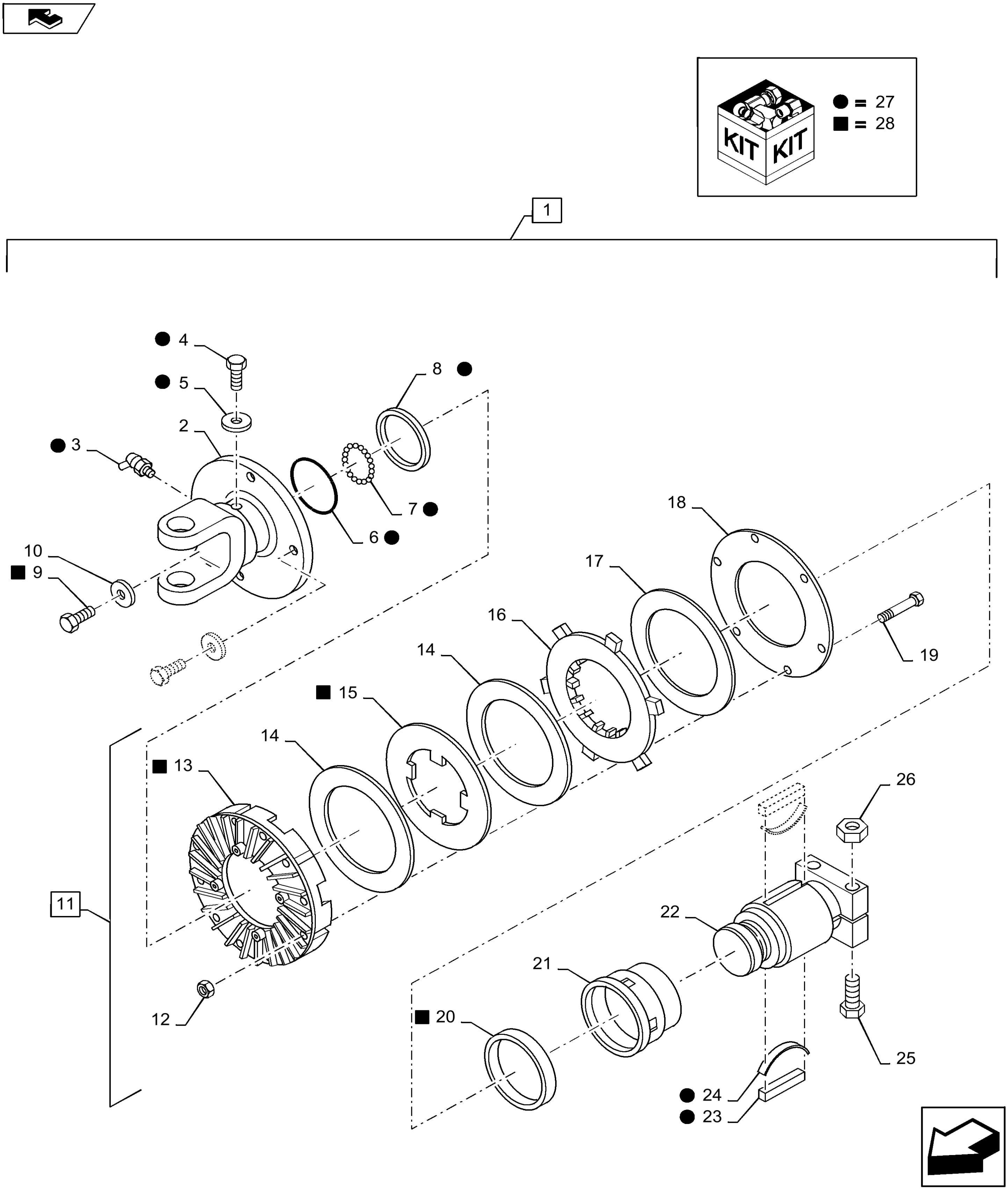


SWIVEL TONGUE PTO, DRAWBAR

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
8	1	86621885		1	PTO Rear Half Components - Includes Ref. 2, 3, 4, 6, 9 - 12 & 15
8	2	87061003		1	REAR PTO ASSY
9		86621891		1	GUARD Inner, Metal
9		87060071		AR	GUARD ASSY. Set, Inner & Outer; Plastic
10	3	86575864		1	RING Centralizer
11		86603736		1	YOKE 2.50" OD x 11.31" L & Tube
12		86542773		1	LUBE NIPPLE 3/16"
13		849471		1	DANGER DECAL Rotating Driveline - English
13		849482		1	DANGER DECAL Rotating Driveline, French
13		9801260		1	DANGER DECAL Rotating Driveline - Spanish
14		86593134		1	DECAL Lube - English
14		86593136		1	DECAL Lube - French
14		86593135		1	DECAL Lube - Spanish
15		849472		1	DANGER DECAL Shield Missing, English
15		849483		1	DANGER DECAL Shield Missing, French
15		9801256		1	DANGER DECAL DANGER - Shield Missing - Spanish

(1) **Metal Shields**
(2) **Plastic Shields**
(3) **For Use W/Metal Shields**

OVERRUNNING CLUTCH, BSN-645446

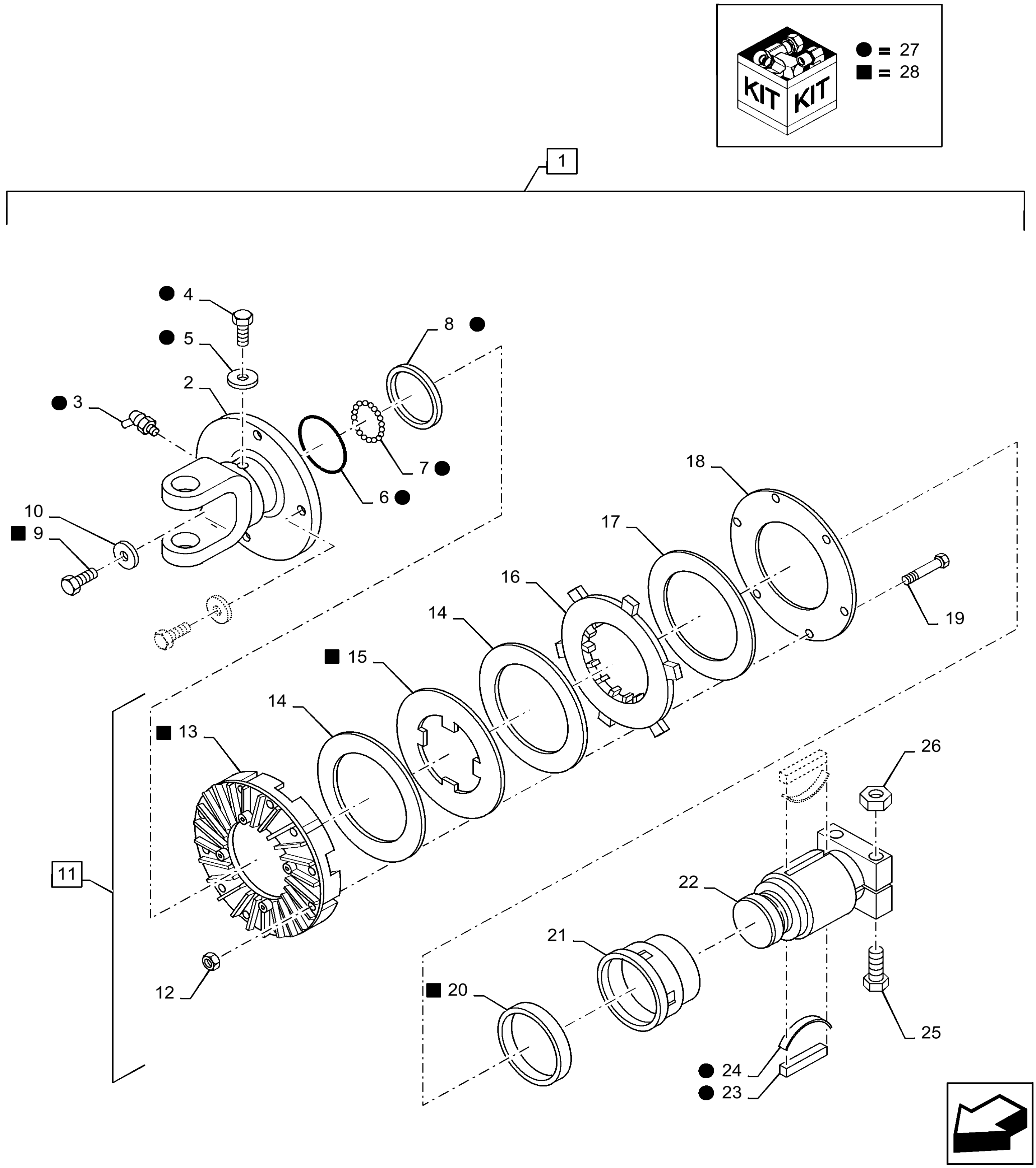


OVERRUNNING CLUTCH, BSN-645446

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		0C		1	ORDER COMPONENTS Clutch, Includes: Ref. 2 - 26
2	1	86541158		1	YOKE W/Hub, Includes: Yoke & Plate
2		86541154		1	YOKE W/Plate
3	2	NSS		1	NOT SOLD SEPARAT Fitting, Lube, 1/4" - 28", 45°, Special Taper
4	2,3	NSS		1	NOT SOLD SEPARAT Screw, Cap, HH, 3/8" - 16" x 0.641"
5	3	NSS		1	NOT SOLD SEPARAT Washer, Medium Spring, Lock, 3/8"
6	2	NSS		1	NOT SOLD SEPARAT O-Ring, 2" I.D. x 2.188" O.D. x 0.94" Thk
7	2	NSS		20	NOT SOLD SEPARAT Ball, 5/16" Dia.
8	4	NSS		1	NOT SOLD SEPARAT Seal, Face, 3.528" Dia.
9		280341		4	BOLT Hex, 5/16" - 18 x 1", Gr 8, Full Thd
10		80681		4	LOCK WASHER 5/16" ID x 19/32" OD x 1/8" Thk
11		86551379		1	CLUTCH & DISC ASSY
12		9635082		6	NUT 5/16" - 18, Gr 5
13	5	NSS		1	NOT SOLD SEPARAT Housing
14		86539879		2	DISC Friction
15		86541155		1	PLATE Separator
16	5	NSS		1	NOT SOLD SEPARAT Plate, Pressure
17		86551193		1	SPRING Belleville
18	5	NSS		1	NOT SOLD SEPARAT Plate, Compression
19		14948		6	BOLT Hex, 5/16" - 18 x 2-1/2", Gr 8
20		86541156		1	SLEEVE Compression

(1) No Longer Available
(2) Only in Kit Ref. 27
(3) Set Screw In Kit Now Replaces Screw & Lock Washer
(4) Only in Kit Ref. 27 & 28
(5) Only in Ref. 11

OVERRUNNING CLUTCH, BSN-645446



OVERRUNNING CLUTCH, BSN-645446

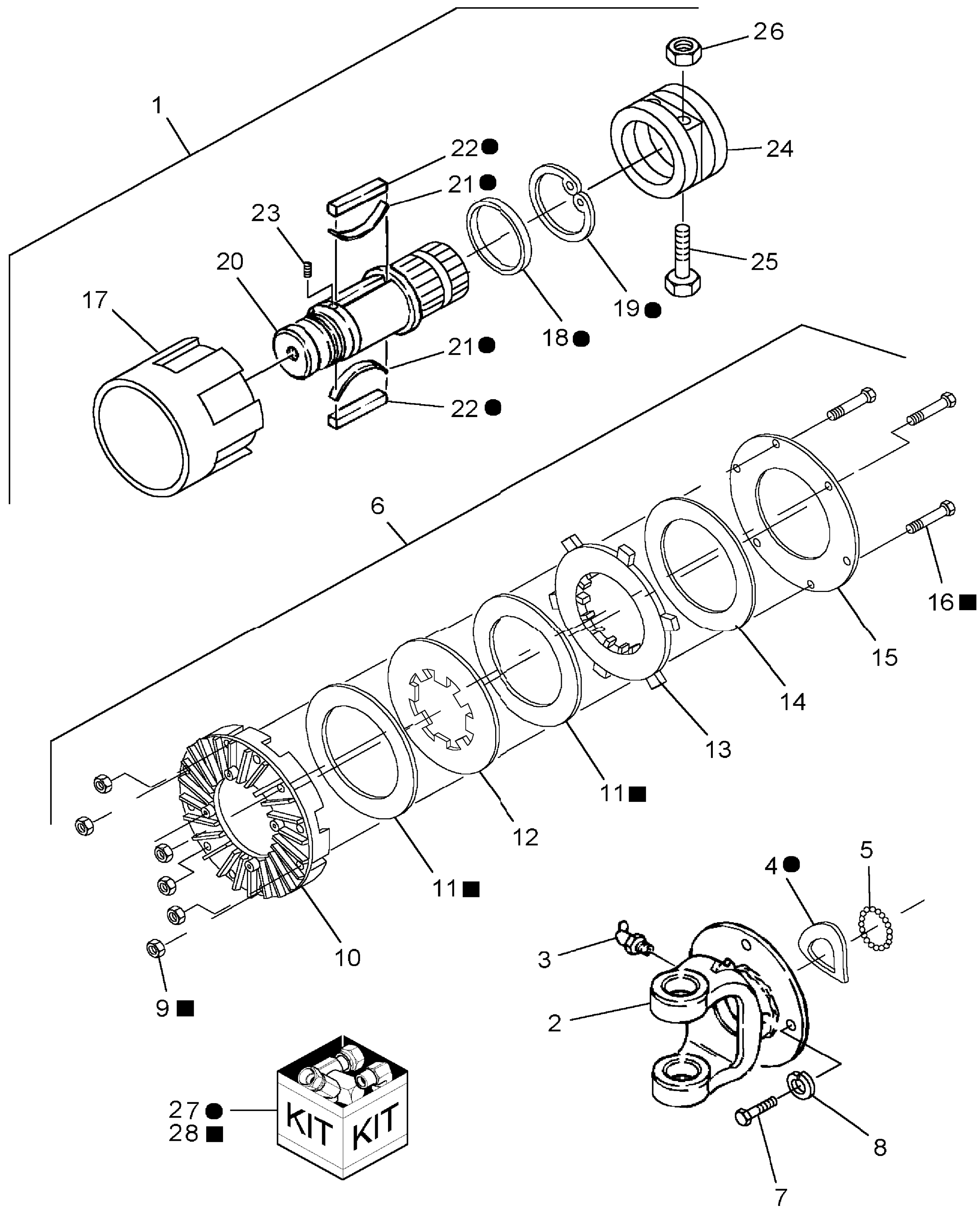
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
21		86541157		1	HUB Overrunning, Outer
22		86520886		1	HUB Inner, 1-3/8 - 21" Spline
23	1	NSS		2	NOT SOLD SEPARAT Spring, Leaf
24	1	NSS		2	NOT SOLD SEPARAT Key, 1/4" x 1/2" x 2-7/32" L
25		280620		2	BOLT Hex, 1/2" - 13 x 3", Gr 8
26		88871		2	NUT 1/2" - 13, Gr C
27		86520645		AR	REPAIR KIT Overrunning Clutch, Includes: Ref. 3 - 8, 23, 24, & Instructions
28	2	86601404		AR	REPAIR KIT Friction
28		86551192		AR	REPAIR KIT Clutch, Includes: Ref. 9, (2)15, & (6)20

(1) **Only in Kit Ref. 27**

(2) **ASN 645445**

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COMPACT CLUTCH W/CLAMP & HUB, ASN-645446

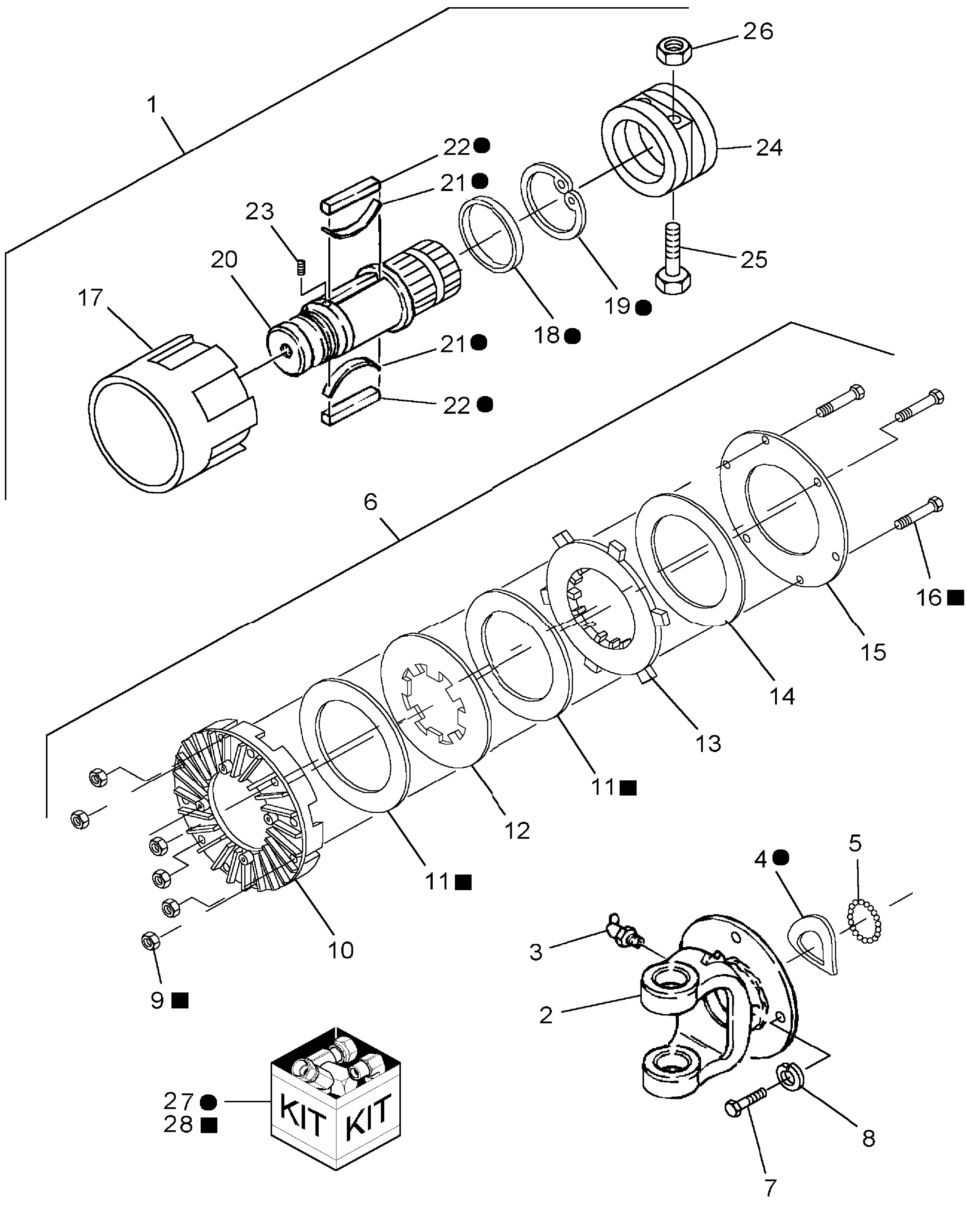


COMPACT CLUTCH W/CLAMP & HUB, ASN-645446

REF FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	0C		1	ORDER COMPONENTS Clutch
2	86603733		1	YOKE Includes: Ref. 3
3	87414		1	LUBE NIPPLE 1/4" - 28 NPT
4	NSS		1	NOT SOLD SEPARAT Spring, Wave
5	86585468		31	BALL
6	86601367		1	CLUTCH, PRESSURE PLA 177.8mm OD Includes: Ref. 7 - 16
7	280341		4	BOLT Hex, 5/16" - 18 x 1", Gr 8, Full Thd
8	80681		4	LOCK WASHER 5/16" ID x 19/32" OD x 1/8" Thk
9	9635082		6	NUT 5/16" - 18, Gr 5
10	NSS		1	NOT SOLD SEPARAT Housing
11	86539879		2	DISC Friction
12	86601371		1	CLUTCH PLATE
13	NSS		1	NOT SOLD SEPARAT Plate, Pressure
14	86551193		1	SPRING
15	NSS		1	NOT SOLD SEPARAT Plate, Compression
16	14948		6	BOLT Hex, 5/16" - 18 x 2-1/2", Gr 8
17	86601370		1	HUB Outer
18	NSS		1	NOT SOLD SEPARAT Washer
19	NSS		1	NOT SOLD SEPARAT Retaining Ring
20	86601426		1	HUB Inner
21	NSS		2	NOT SOLD SEPARAT Spring, Leaf
22	NSS		2	NOT SOLD SEPARAT Key
23	86602307		1	SET SCREW 5/16" x 18 x 1/4" Gr 8 Set, HS, Self-Locking, Cup Pt, G8, 5/16"-18, (Not Shown)
24	86598607		1	HUB Clamp, Includes: Ref. 25 & 26
25	9818286		2	BOLT Hex, 1/2" - 13 x 3 1/2", Gr 8
26	88871		2	NUT 1/2" - 13, Gr C
27	86572966		AR	REPAIR KIT Overrunning, Includes: Ref. 4, 18, 19, 21, & 22

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COMPACT CLUTCH W/CLAMP & HUB, ASN-645446



COMPACT CLUTCH W/CLAMP & HUB, ASN-645446

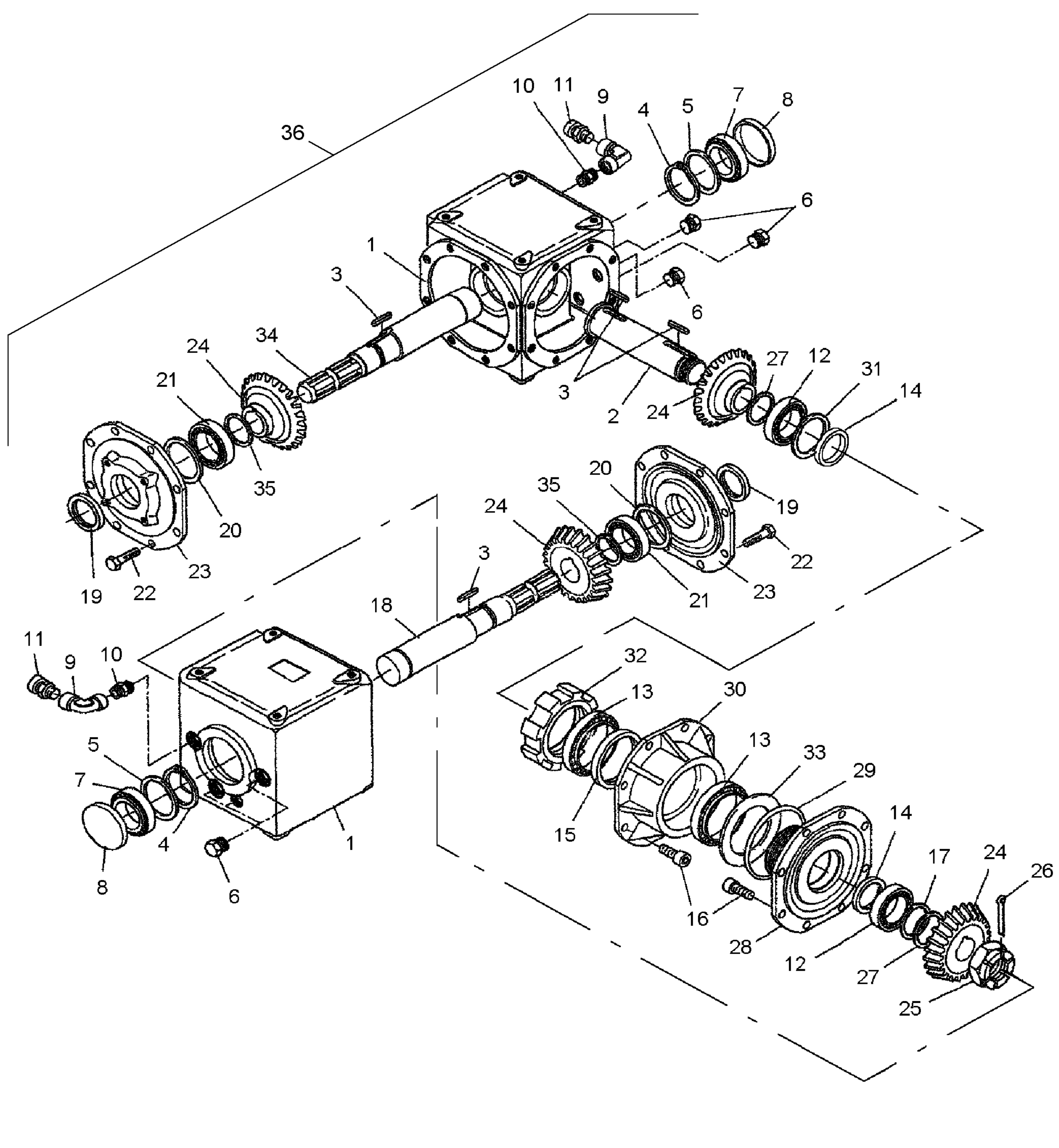
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
28		86601404		AR	REPAIR KIT Friction, Includes: Ref. 9, 11, & 16

SECTION INDEX

MAIN GEARBOX

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GEARBOX, SWIVEL, USED ON TONGUES BSN-639639

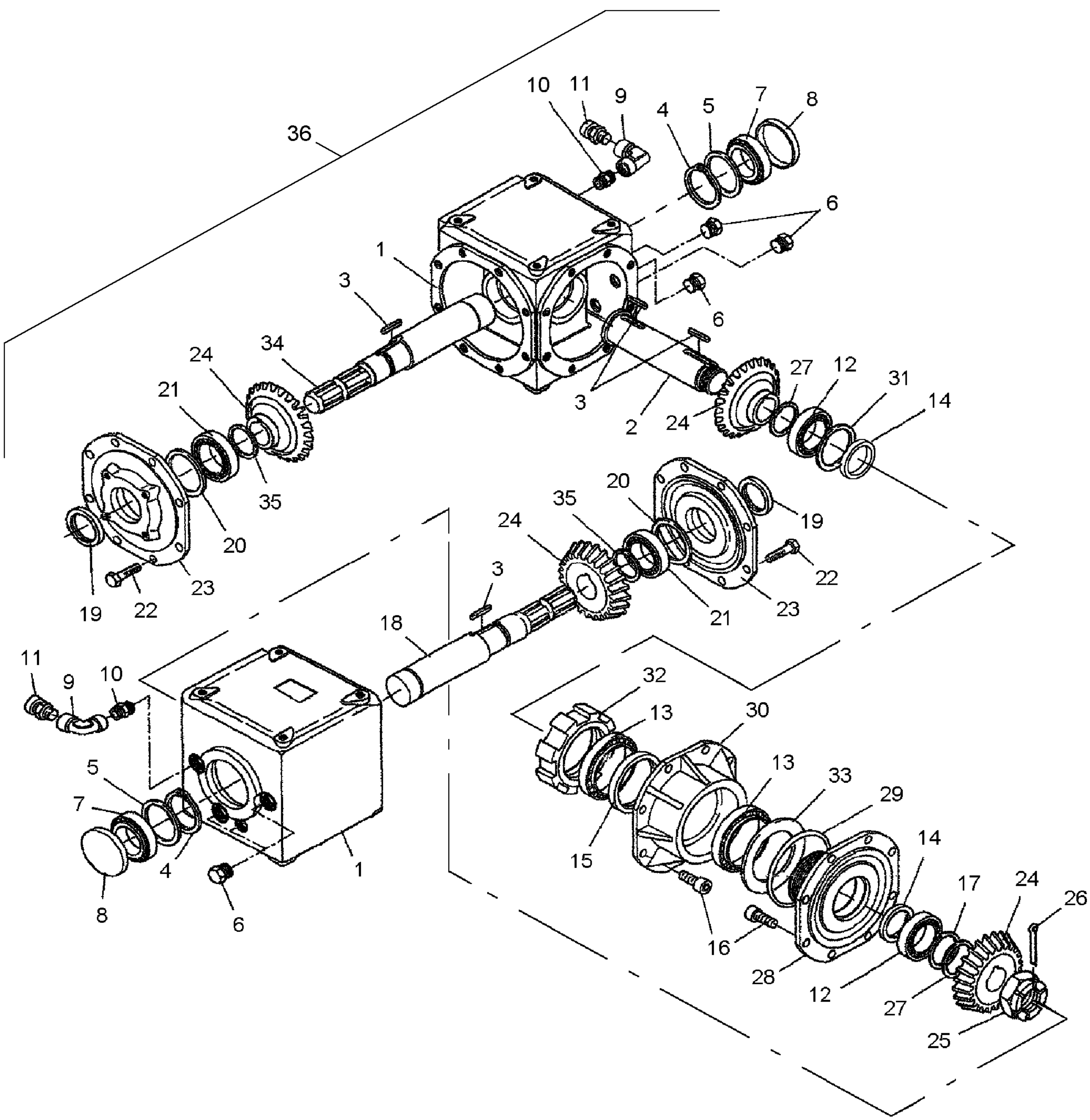


GEARBOX, SWIVEL, USED ON TONGUES BSN-639639

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86559211		2	HOUSING
2		86559212		1	SHAFT Vertical
3		86547749		4	KEY M12 x 18 x 35
4		86559213		2	SNAP RING Ext, M42.5
5		86559214		2	KIT Shim, 45.3
6		86557412		6	PLUG 3/8" - 19 NPT
7		86018152		2	BEARING ASSY 45mm ID x 85mm OD x 20.75mm W
8		86539183		2	CAP M72 x 10
9		86559215		2	ELBOW 90°
10		86559216		2	HYD CONNECTOR
11		86539157		2	BREATHER 3/8" Gas
12		86557433		2	TAPERED BEARING 40mm ID x 80mm OD x 24.75mm W 32208
13		86551264		2	TAPERED BEARING 3.790mm ID x 5.0825mm OD 0.4688mm W LL319349/310
14		86547750		2	OIL SEAL 40mm ID x 72mm OD x 10mm Thk Oil, M40 x 72 x 10
15		86547751		1	OIL SEAL 95mm ID x 120mm OD x 12mm W Oil, M95 x 120 x 12
16		86559251		16	HEX SOC SCREW M10 x 1.5 x 22mm, Cl 12.9, Full Thd
17		86539215		1	KIT 40.3mm ID x 51.5mm OD Shim
18		86559217		1	SHAFT Lower
19		86539177		2	SEAL 35 x 62 x 8
20		86539210		2	KIT Shim
21		86557434		2	TAPERED BEARING 35mm ID x 72mm OD x 24.25mm W 32207
22		86539175		16	BOLT Hex, M10 x 22mm, Cl 8.8 Cap, HH, CL 8.8, M10 x 1.5 x 22
23		86539179		2	COVER
24		86559218		4	GEAR Z21. M7 14
25		86547748		1	NUT M40 x 15

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GEARBOX, SWIVEL, USED ON TONGUES BSN-639639



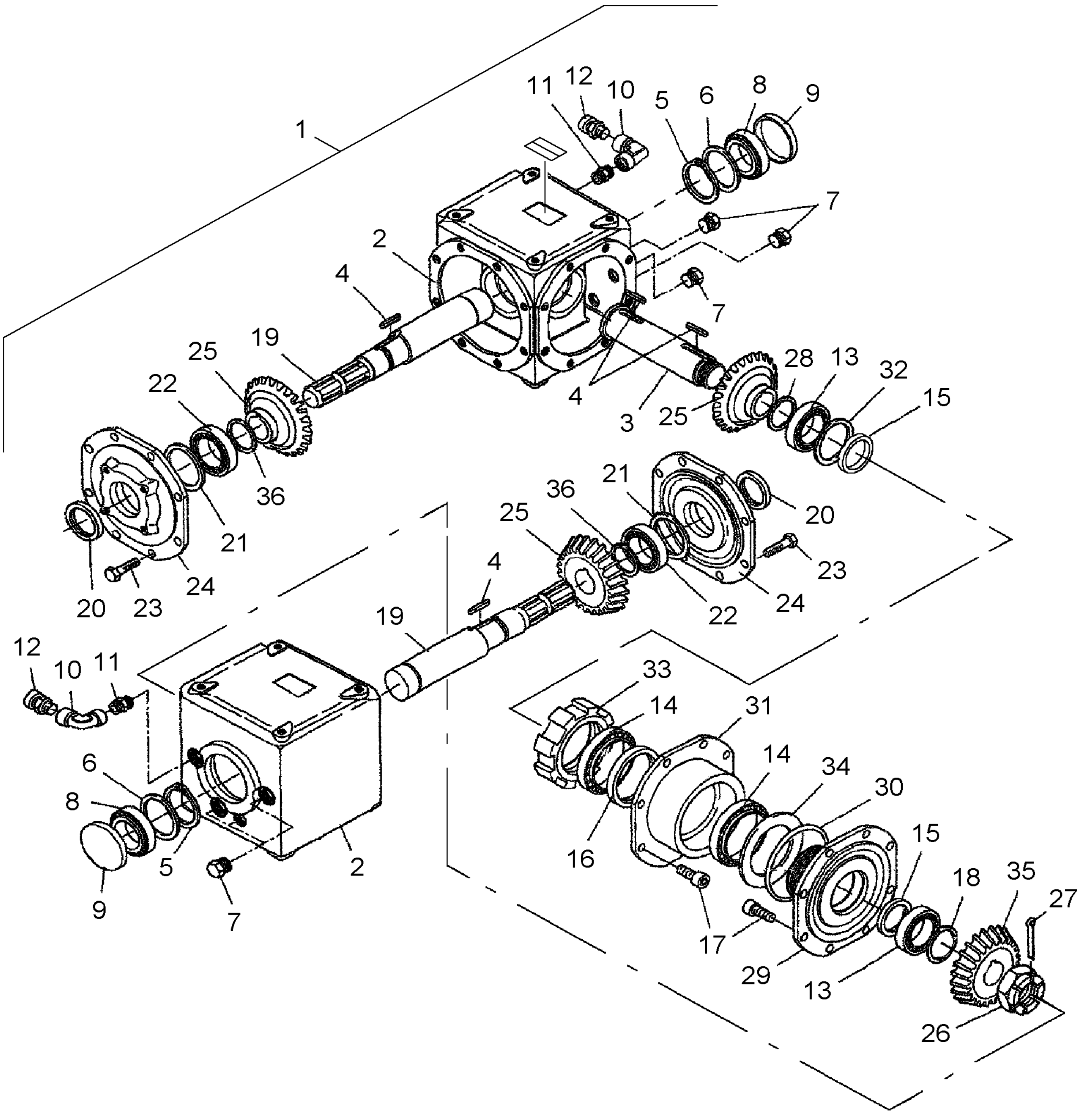
GEARBOX, SWIVEL, USED ON TONGUES BSN-639639

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
26		NSS		1	NOT SOLD SEPARAT Split Pin
27		86559219		2	SHIM 40.3mm ID x 51.5mm OD x 1.0mm Thk 40.3 x 51.5, 10 ea
28	1	86551746		1	HOUSING Inner Neck
29		86547747		1	O-RING M133.9 ID x 2.62 Thk
30		86592262		1	HOUSING Outer Neck
31		86539214		1	SHIM 69mm ID 79.7mm OD Shim
32		86559220		1	LOCK NUT M95 x 2, Bearing
33		86559221		1	WASHER Protective
34		86559222		1	SHAFT Upper
35		86539211		2	KIT Shim
36		86518541		1	GEARBOX Includes: Ref. 1 - 35
36		86592258R		1	REMAN-GEARBOX GEARBOX Reman for New PN 86518541
36		86592258C		1	CORE-GEARBOX GEARBOX Return Number

(1) No Longer Available

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GEARBOX, SWIVEL, USED ON TONGUES ASN-639639



GEARBOX, SWIVEL, USED ON TONGUES ASN-639639

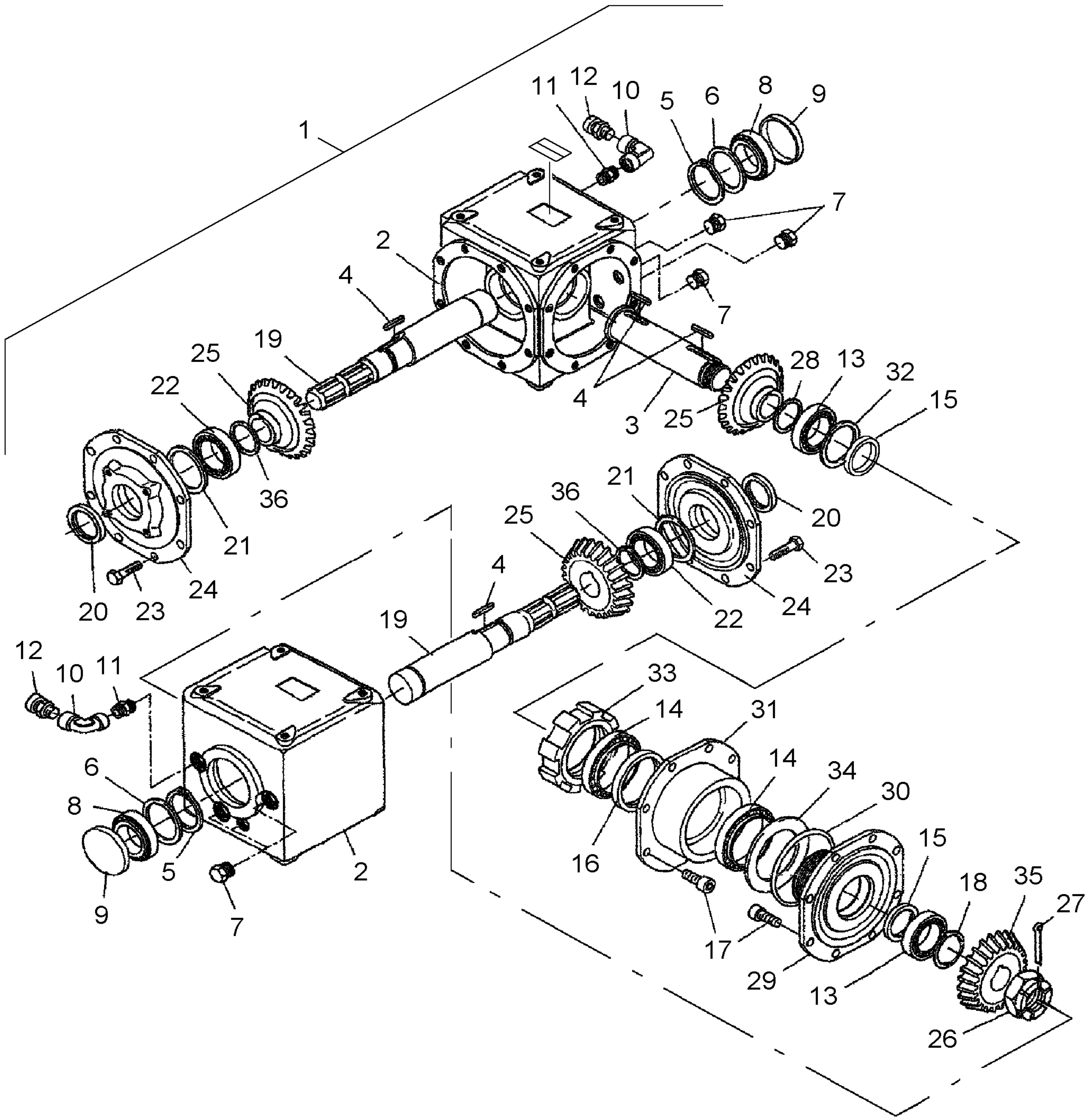
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1,2	86592258		1	GEARBOX Swivel, Includes: Ref. 2 - 36
1		86592258R		1	REMAN-GEARBOX GEARBOX Gearbox
1		86592258C		1	CORE-GEARBOX GEARBOX Return Number, Gearbox, Swivel
2		86559211		2	HOUSING
3		86592260		1	SHAFT Vertical
4		86547749		4	KEY M12 x 18 x 35
5		86559213		2	SNAP RING Ext, M42.5
6		86559214		2	KIT Includes: 3 Shims
7		86557412		6	PLUG 3/8" - 19 NPT
8		86018152		2	BEARING ASSY 45mm ID x 85mm OD x 20.75mm W Tapered
9		86539183		2	CAP M72 x 10
10		86559215		2	ELBOW 90°, 3/8" Gas
11		86559216		2	HYD CONNECTOR 3/8", Gas
12		86539157		2	BREATHER 3/8" Gas
13		86557433		2	TAPERED BEARING 40mm ID x 80mm OD x 24.75mm W
14		86551264		2	TAPERED BEARING 3.790mm ID x 5.0825mm OD 0.4688mm W
15		86547750		2	OIL SEAL 40mm ID x 72mm OD x 10mm Thk Oil
16		86547751		1	OIL SEAL 95mm ID x 120mm OD x 12mm W Oil
17		86559251		16	HEX SOC SCREW M10 x 1.5 x 22mm, Cl 12.9, Full Thd
18		86539215		1	KIT 40.3mm ID x 51.5mm OD Includes: 3 Shims
19		86559222		2	SHAFT Upper
20		86539177		2	SEAL
21		86539210		2	KIT Includes: 3 Shims

(1) **Used On TONGUES ASN-639639, This Is The TONGUE Serial Number.**

(2) **Use W/ 86560318 Yoke, 21 Tooth Spline**

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GEARBOX, SWIVEL, USED ON TONGUES ASN-639639

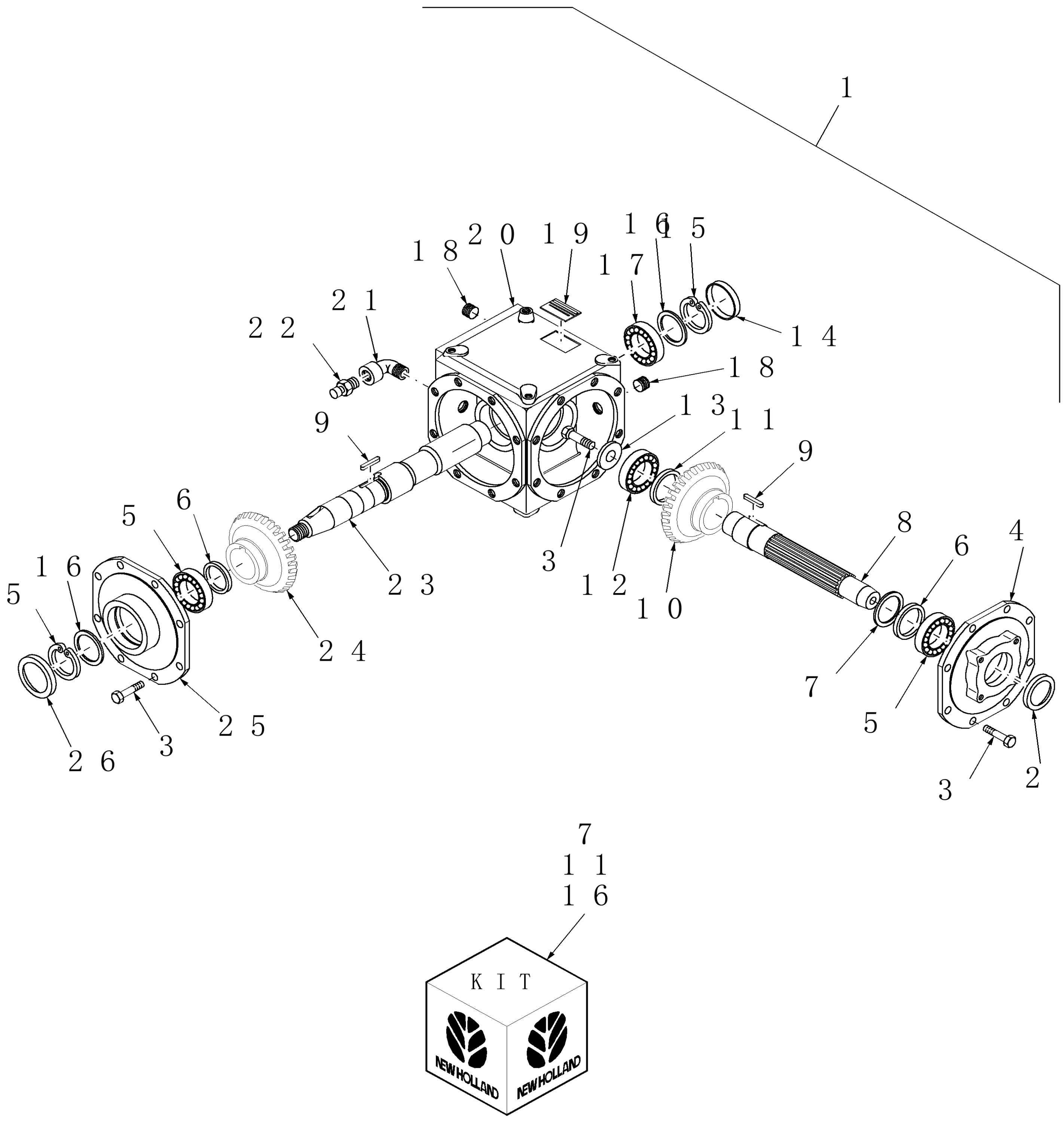


GEARBOX, SWIVEL, USED ON TONGUES ASN-639639

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
22		86557434		2	TAPERED BEARING 35mm ID x 72mm OD x 24.25mm W
23		86539175		16	BOLT Hex, M10 x 22mm, Cl 8.8 Cap, HH, CL 8.8, M10 x 1.5 x 22
24		86539179		2	COVER
25		86559218		3	GEAR
26		86547748		1	NUT M40 x 1.5
27		NS		1	NOT SERVICED Pin, Cotter, M4 x 63
28		86559219		1	SHIM 40.3mm ID x 51.5mm OD x 1.0mm Thk
29		86592261		1	HUB Inner Neck
30		86547747		1	O-RING M133.9 ID x 2.62 Thk
31		86592262		1	HOUSING Outer Neck
32		86539214		1	SHIM 69mm ID 79.7mm OD Includes: 3 Shims
33		86559220		1	LOCK NUT M95 x 2, Bearing CL 6, M95 x 2
34		86559221		1	WASHER Protective
35		86592259		1	GEAR
36		86539211		2	KIT Includes: 3 Shims

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GEARBOX, PIVOT, BSN-650153

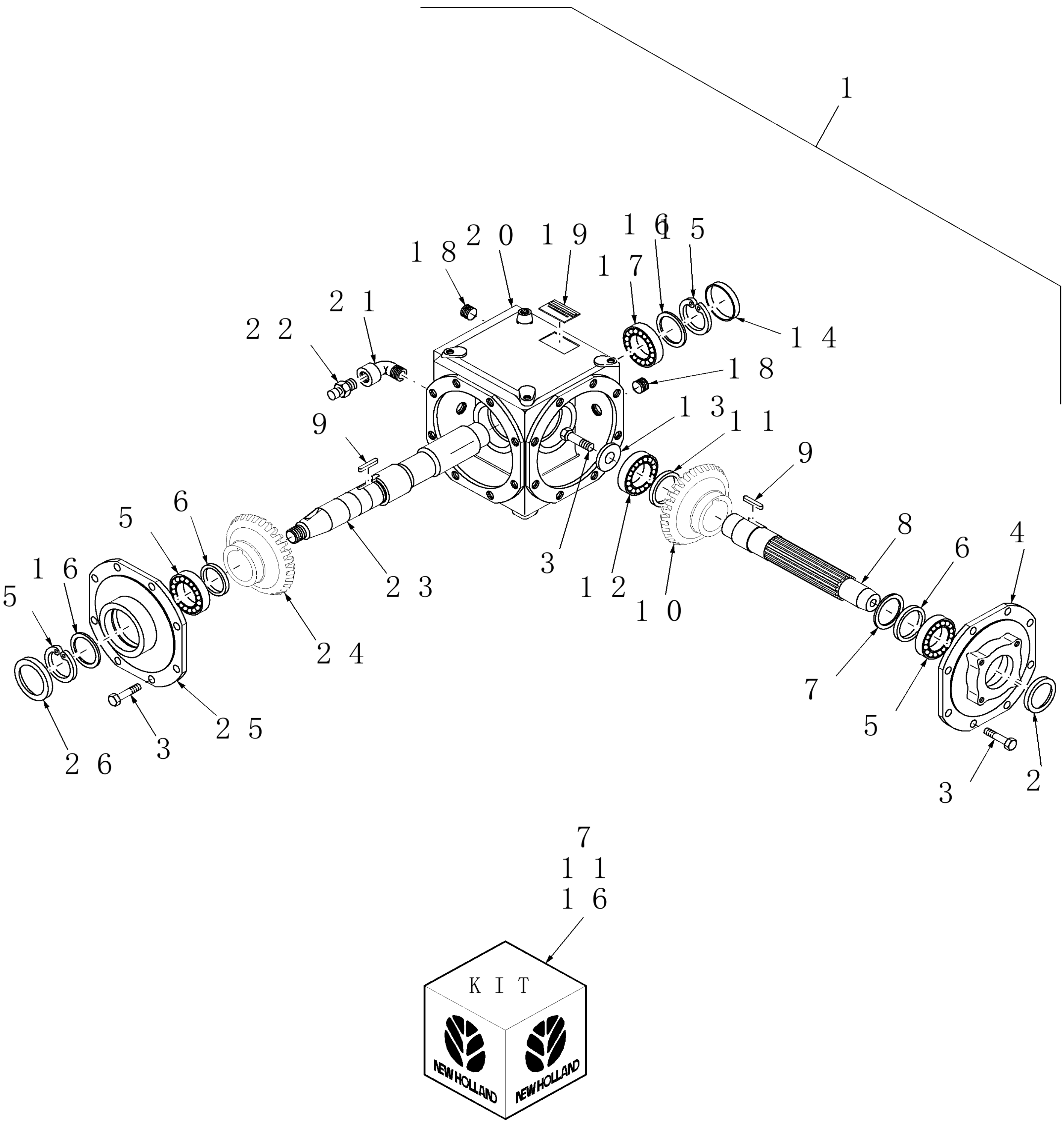


GEARBOX, PIVOT, BSN-650153

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86518542		1	GEARBOX Pivot, Includes: Ref. 2 - 26
1		86572192R		1	REMAN-GEARBOX GEARBOX Reman for New PN 86518542
1		86572192C		1	CORE-GEARBOX GEARBOX Return Number
2		86539177		1	SEAL M35 x 62 x 8
3		86539175		17	BOLT Hex, M10 x 22mm, Cl 8.8 Cap, HH, CL 8.8, M10 x 1.5 x 22
4		86539179		1	COVER
5		161715		2	TAPERED BEARING 35 mm ID x 72 mm OD x 18.25 mm Tapered Roller
6		86539142		2	WASHER
7		86539211		1	KIT Shim
8		86539178		1	SHAFT
9		86539170		2	KEY M8 x 10 x 35
10		86539173		1	BEVEL PINION
11		86539212		1	KIT Shim
12		439692		1	TAPERED BEARING 30mm ID x 62mm OD x 21.25mm W Tapered Roller
13		86539185		1	WASHER
14		86539183		1	CAP M72 x 10
15		370018		2	SNAP RING M72, Internal
16		86539210		2	KIT Shim
17		80037203		1	BEARING ASSY
18		86539149		2	PLUG 3/8" BSPP Pipe, 0.38"
19		NSS		1	NOT SOLD SEPARAT Plate
20		86539186		1	HOUSING
21		86539184		1	ELBOW 90°, 0.38"
22		86539157		1	BREATHER 3/8" Gas
23		86539168		1	SHAFT
24		86539171		1	BEVEL PINION T = 18, M5.7

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GEARBOX, PIVOT, BSN-650153

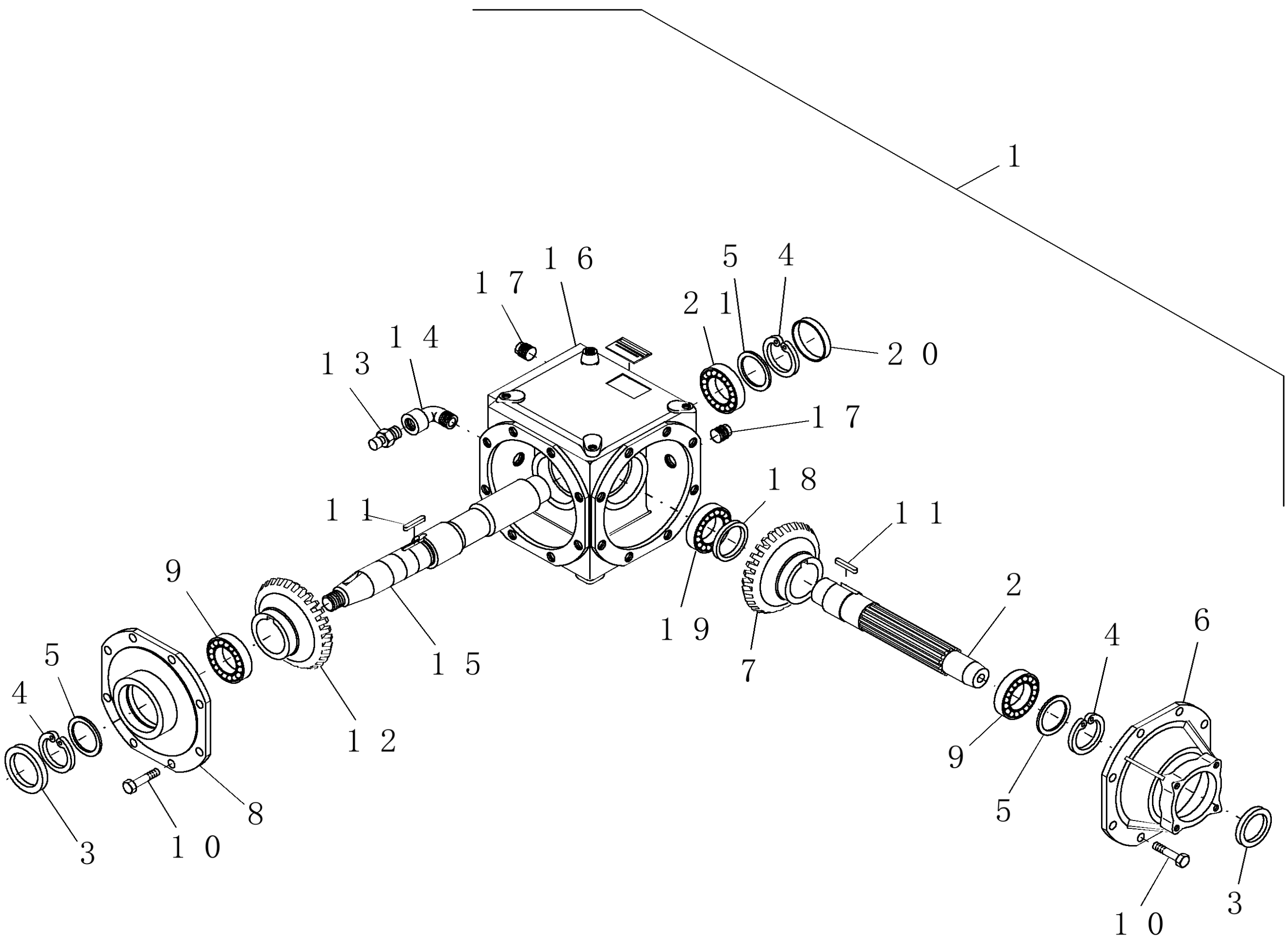


GEARBOX, PIVOT, BSN-650153

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
25		86539172		1	COVER
26		86539169		1	SEAL 35mm ID x 72mm OD x 10mm Thk M35 x 72 x 10

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GEARBOX, PIVOT, ASN-650153

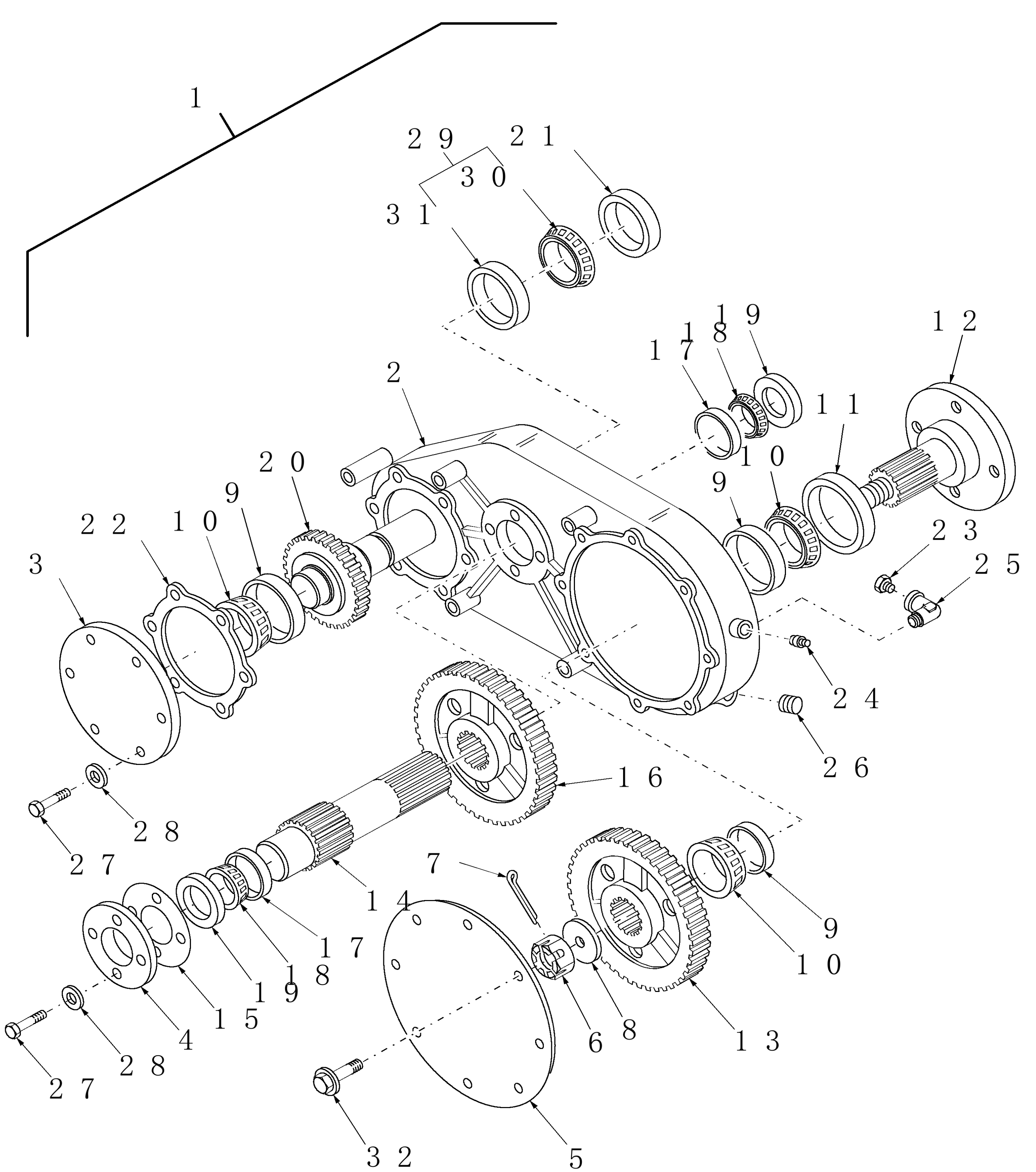


GEARBOX, PIVOT, ASN-650153

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86572192		1	GEARBOX Includes: Ref. 2 -21
1		86572192R		1	REMAN-GEARBOX GEARBOX
1		86572192C		1	CORE-GEARBOX GEARBOX Return Number
2		86572195		1	SHAFT
3		86539169		2	SEAL 35mm ID x 72mm OD x 10mm Thk
4		370018		3	SNAP RING M72, Internal
5		86539210		3	KIT Includes: 3 Shims
6		86572193		1	COVER
7		86539173		1	BEVEL PINION
8		86539172		1	COVER
9		86557434		2	TAPERED BEARING 35mm ID x 72mm OD x 24.25mm W
10		2975076		16	BOLT M10 x 1.5 x 22mm, Cl 8.8 Cap, HH, CL 8.8, M10 x 1.5 x 22
11		86539170		2	KEY M8 x 10 x 35
12		86539171		1	BEVEL PINION
13		86539157		1	BREATHER 3/8" Gas
14		87031306		1	ELBOW 90 Degree, 3/8" Gas
15		86539168		1	SHAFT
16		86539186		1	HOUSING
17		86557412		2	PLUG 3/8" - 19 NPT
18		86539212		1	KIT Includes: 3 Shims
19		86572200		1	TAPERED BEARING
20		86539183		1	CAP
21		80037203		1	BEARING ASSY

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GEARBOX, CONDITIONER



GEARBOX, CONDITIONER

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1,2	86524119		1	GEAR SET Gearbox, Cast Gears
1	3,2	86592075		1	GEARBOX Includes: Ref. 2 - 33
1		86592075R		1	REMAN-GEARBOX GEARBOX Reman Gearbox, 1431Pivot Tongue Disc Mower Conditioner 1/97 - 8/08 ASN 652516
1		86592075C		1	CORE-GEARBOX GEARBOX Return Number
2		NSS		1	NOT SOLD SEPARAT Housing
3		86623940		1	CAP
4		247491		1	COVER Cap
5		86632444		1	COVER
6		116311		1	SLOTTED NUT 3/4" x 16 Slotted, G2, 3/4"-16
7		87395		1	COTTER PIN 1/8" OD x 1-1/4" OAL
8		56867		1	WASHER .766" ID x 1.075" OD Heat-Treated
9		175508		3	BEARING CUP 59.16mm OD x 11.94mm W
10		175507		3	BEARING CONE 35 mm ID x 16.764 mm
11		694956		1	SEAL 60mm ID x 75mm OD x 9mm Thk
12		9847669		1	SHAFT 21T
13	1,2	9622881		1	DRIVING GEAR 48T, Cast, Do Not Mix With Forged Gears.
13	3,2	86603495		1	DRIVING GEAR 48T, Forged
14		86524339		1	SHAFT
15		136804		AR	SHIM .003" Thk
15		136803		AR	SHIM .005" Thk
15		136802		AR	SHIM .0075" Thk
15		136805		AR	SHIM .020" Thk
16	1,2	689427		1	GEAR 48T, Cast
16	3,2	86603249		1	GEAR 48T, Forged
17		36723		2	BEARING CUP 59.16mm OD x 11.81mm W
18		36726		2	BEARING CONE 31.75mm ID x 16.76mm W

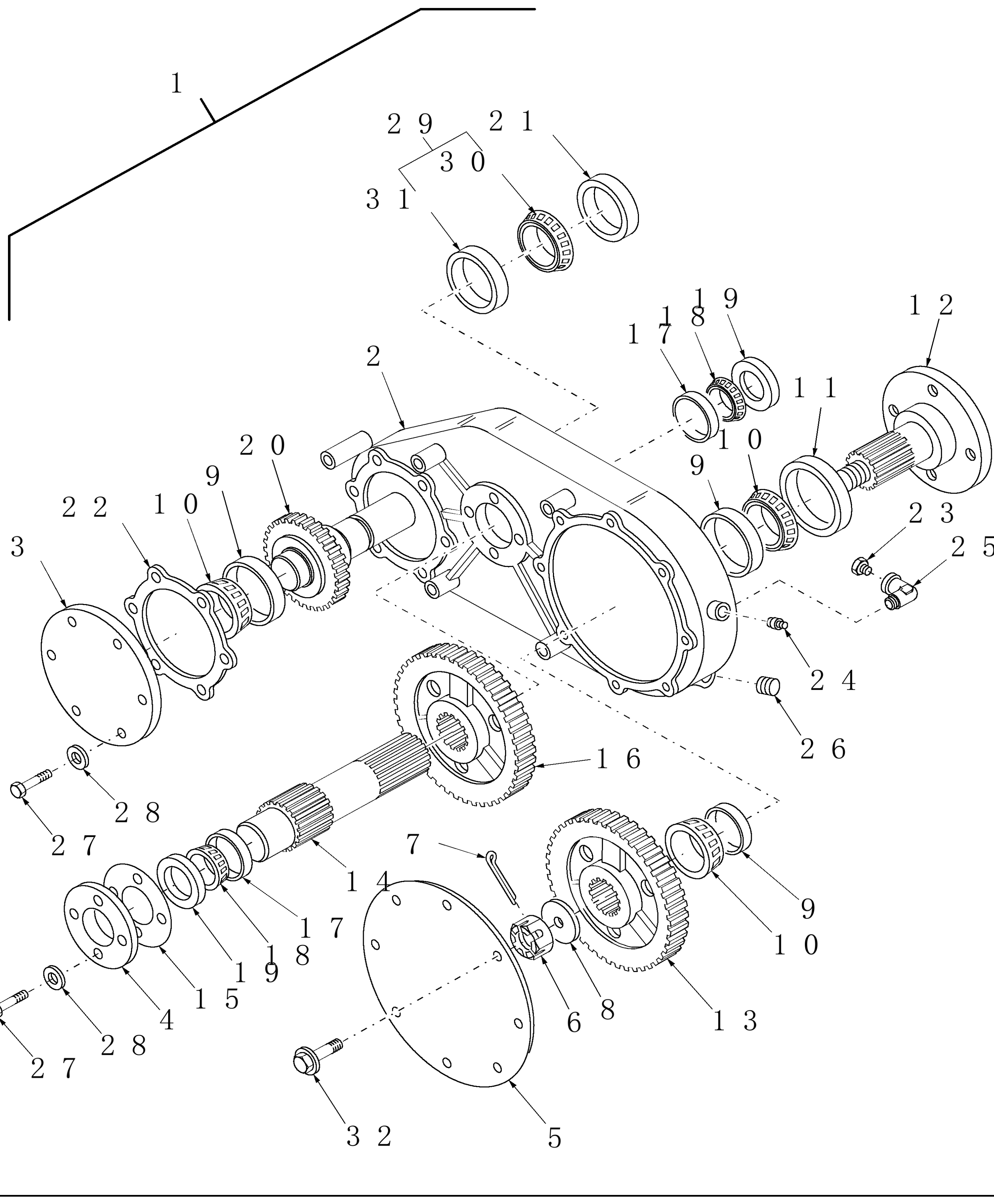
(1) **BSN 652516**

(2) **DO NOT Mix Cast And Forged Gears**

(3) **ASN 652516**

03.03		p2	3/2020

GEARBOX, CONDITIONER



GEARBOX, CONDITIONER

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
18		84356153GV		2	BEARING Value
19		701519		2	OIL SEAL
20	1,2	86526390		1	GEAR 26T, Cast
20	3,2	86603453		1	GEAR 26T, Forged
21		66807		1	SEAL 38.1mm ID x 57.26mm OD x 7.92mm Thk
22		688989		AR	SHIM .003" Thk
22		688990		AR	SHIM .005" Thk
22		688991		AR	SHIM .007" Thk
22		86608804		AR	SHIM .018" Thk
22		86608804		AR	SHIM .020" Thk
23		572820		1	BREATHER 1/8" NPT
24		236622		1	PLUG 3/8" - 18 NPT 3/8"
25		86511898		1	ELBOW 90°, Street, Brass
26		263136		1	MAGNETIC PLUG Sq. Soc, 3/4" - 14 NPTF PLUG, MAGNETIC
27		280523		10	BOLT Hex, 3/8" - 16 x 1-1/4", Gr 5
28		140045		10	BELLEVILLE WASHER 10mm ID x 22mm OD x 1.6mm Thk
29		121506		1	ROLLER BEARING Includes: Ref. 30 & 31
30		1996		1	BEARING CONE 1.5005" ID x 0.72" Tapered, Inner Rollers, 1-1/2" ID
31		1995		1	BEARING CUP 65.11mm OD x 13.97mm W
32		86521552		8	BOLT Hex, 5/16" - 18 x 3/4", Gr 5
33		80681		8	LOCK WASHER 5/16" ID x 19/32" OD x 1/8" Thk

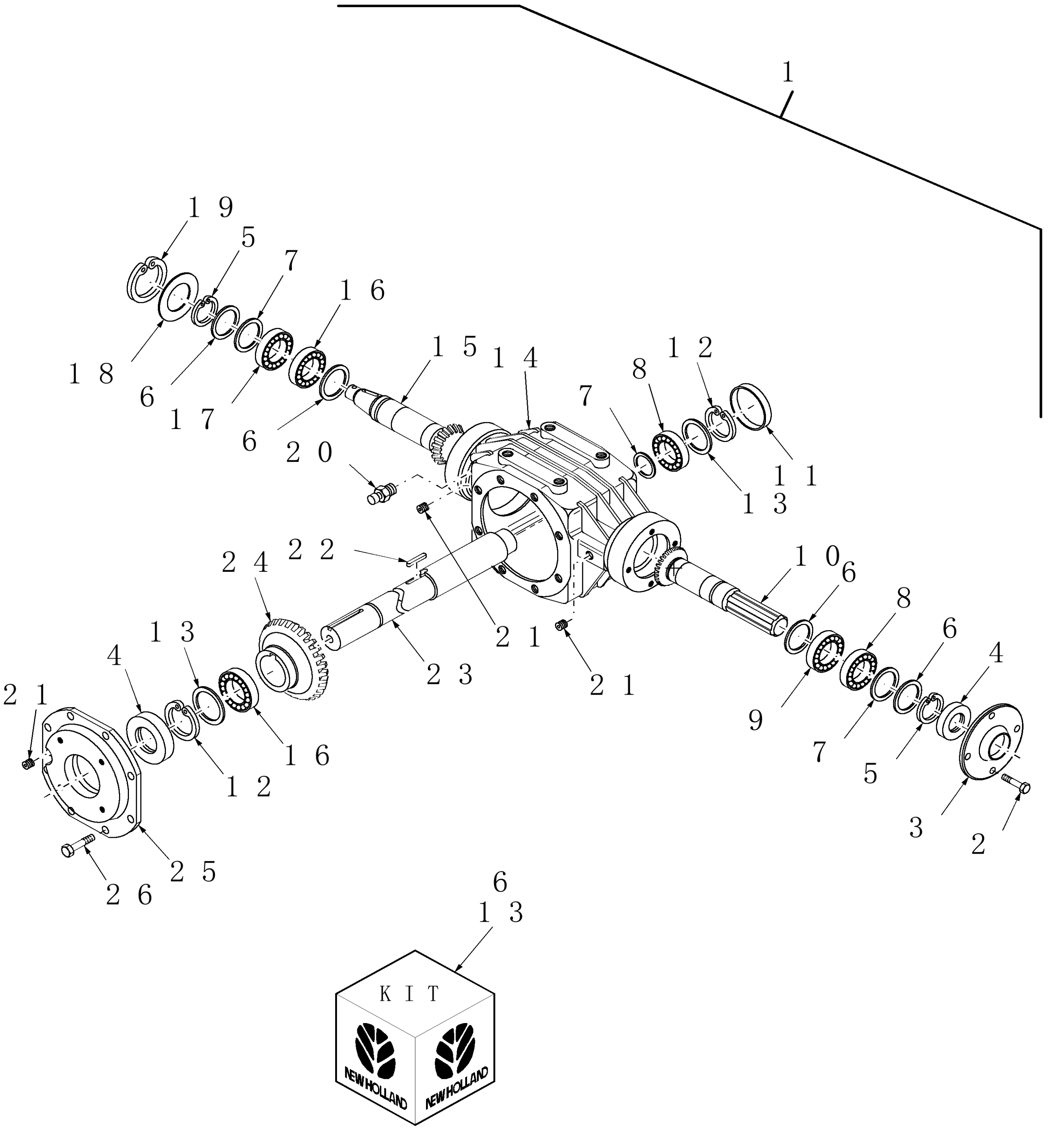
(1) BSN 652516

(2) DO NOT Mix Cast And Forged Gears

(3) ASN 652516

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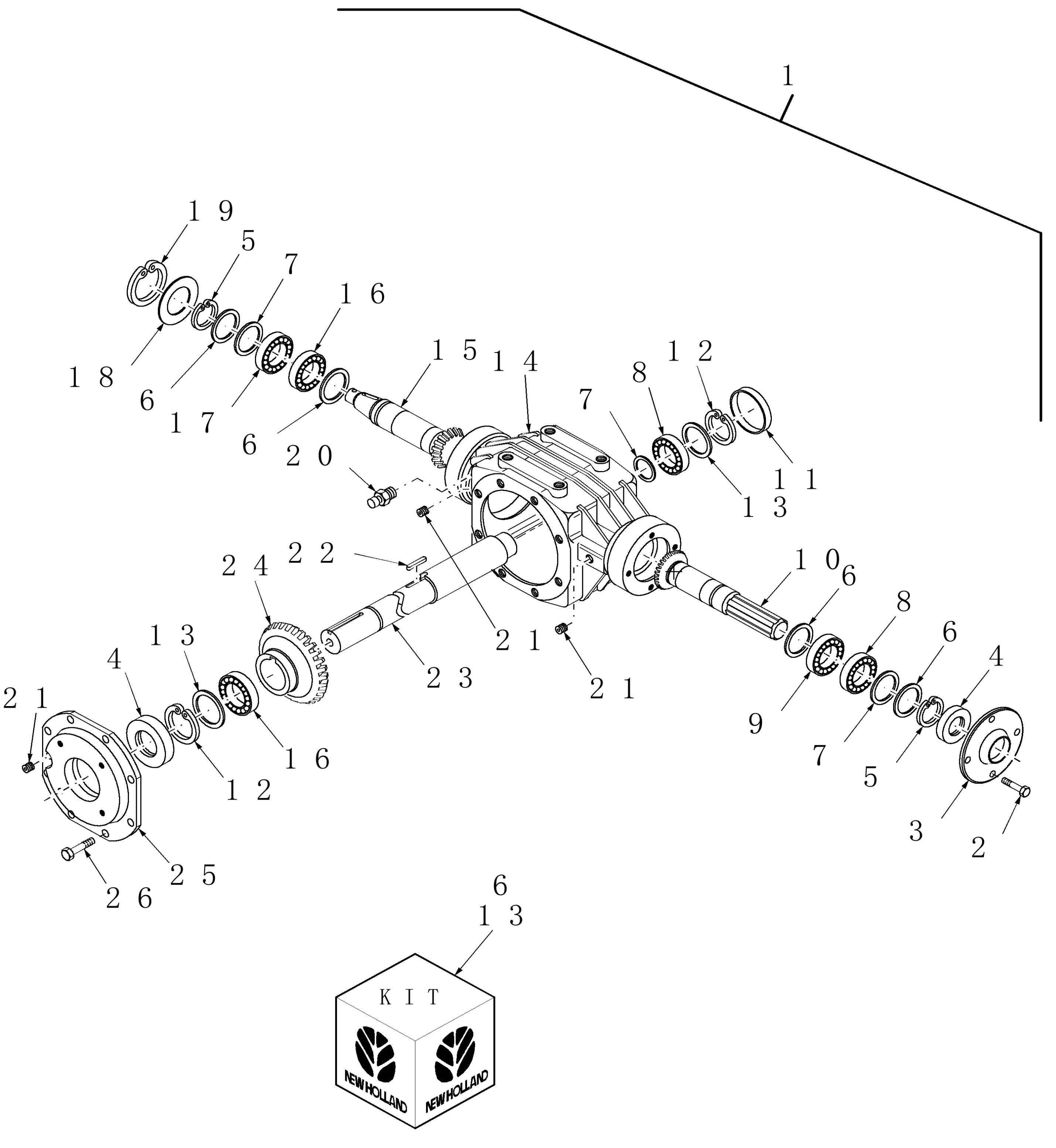
GEARBOX, BEVEL



GEARBOX, BEVEL

REF FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	86518543		1	GEARBOX Bevel, RH side, Includes: Ref. 2 - 26
1	86518543R		1	REMAN-GEARBOX GEARBOX 1431 Discbine Pivit Tongue MC
1	86518543C		1	CORE-GEARBOX GEARBOX Return Number
2	16043224		4	BOLT Hex, M8 x 16mm, Cl 8.8
3	86539152		1	COVER
4	86539153		2	SEAL 40mm ID x 80mm OD x 10mm Thk
5	800-5140		2	SNAP RING M40, Ext, Hvy
6	86539215		4	KIT 40.3mm ID x 51.5mm OD Shim
7	86539145		3	SHIM 40.3mm ID x 51.5 OD x 2.5mm Thk M2.500 Thk
8	114085		2	BALL BEARING 39.9999 mm ID x 79.9998 mm OD x 18.001 mm
9	86511837		1	BALL BEARING M40
10	86539151		1	SHAFT Pinion, 13T
11	86539148		1	CAP 80mm OD x 10mm W
12	80300633		2	SNAP RING M80, Int
13	86539214		2	SHIM 69mm ID 79.7mm OD Shim
14	86539146		1	HOUSING
15	86539147		1	SHAFT Pinion, 13T
16	210053		2	TAPERED BEARING 40mm ID x 80mm OD x 18mm W
17	210049		1	BALL BEARING 40mm ID x 90mm OD x 23mm W
18	86539143		1	COVER
19	86539144		1	SNAP RING Int, M100
20	86539157		1	BREATHER 3/8" Gas
21	86539149		3	PLUG 3/8" BSPP 0.38
22	86539158		1	KEY M8 x 12 x 30
23	86539155		1	SHAFT 524mm L
24	86539154		1	BEVEL GEAR Wheel, Crown, Pinion, 33T
25	86539156		1	COVER

GEARBOX, BEVEL



GEARBOX, BEVEL

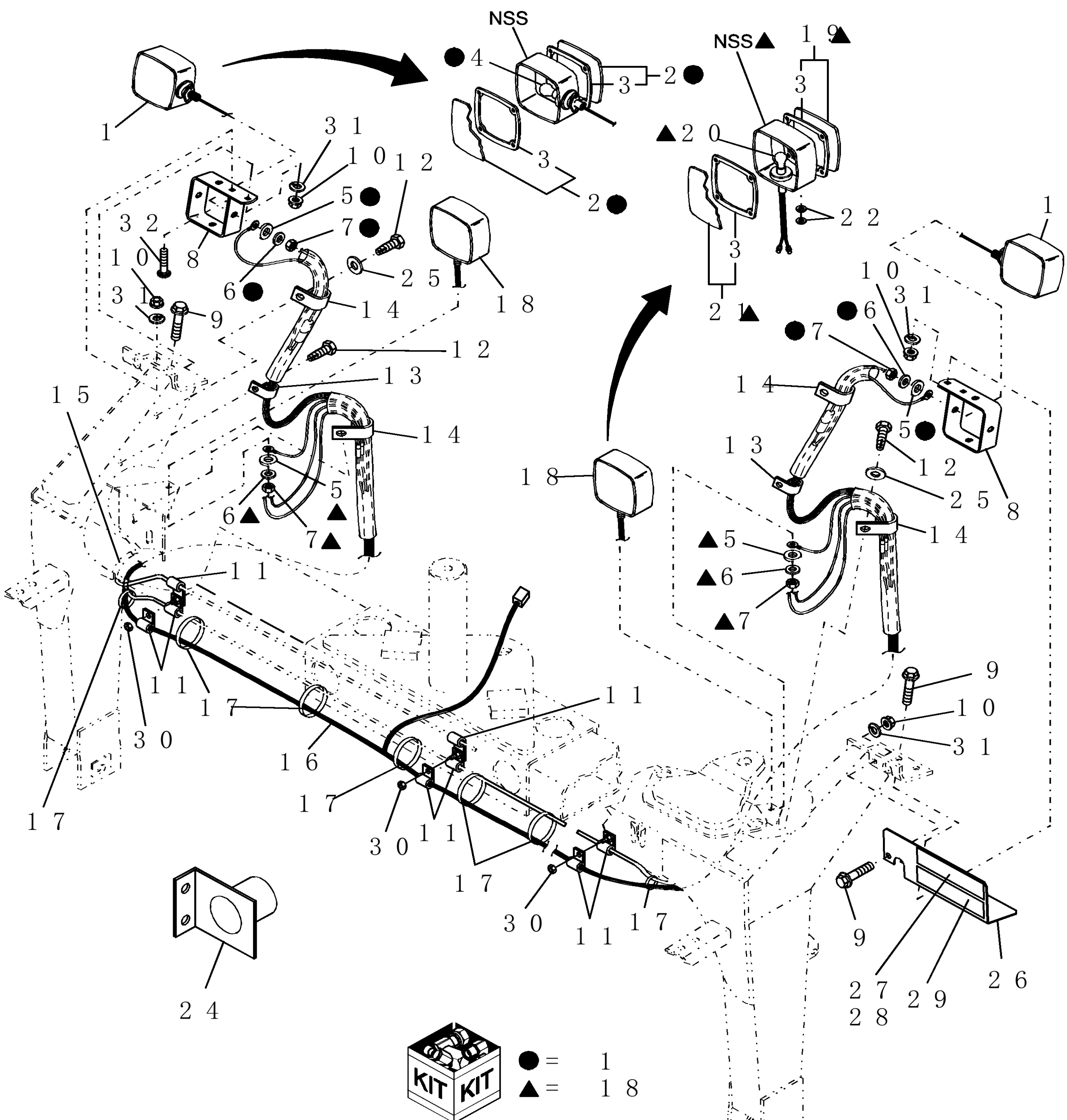
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
26		43139		8	BOLT M10 x 25mm

SECTION INDEX

ELECTRICAL

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AMBER LIGHTS & RED TAIL LIGHTS

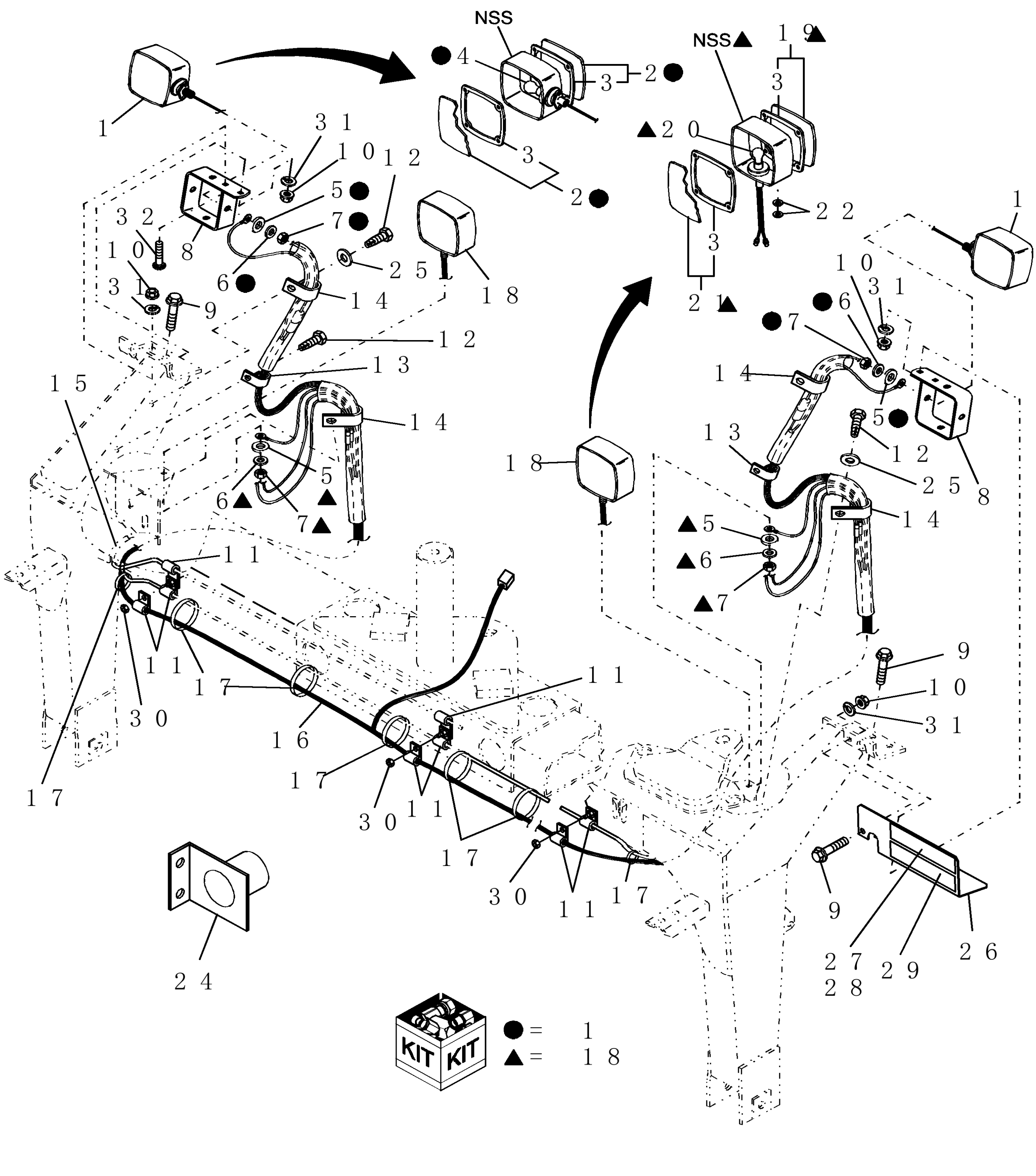


AMBER LIGHTS & RED TAIL LIGHTS

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		608852		2	WARNING LIGHT Amber, Includes: Ref. 2 - 7 & Housing
2		F0NN15N581BA		4	LENS Lens, Amber
3		853709		8	GASKET 1.65mm Thk
4		529068		2	BULB #1156, 12V, 21W
5		80700		4	WASHER 0.56" ID x 1.38" OD x 0.11" Thk
6		80679		4	LOCK WASHER 1/20.507 CST ZND
7		280963		4	NUT Nut, 1/2-20 GR 5 ZND
8		86631193		2	BRACKET Light
9		86521613		4	BOLT Hex, 3/8" - 16 x 1", Gr 5
10		86521606		4	FLANGE NUT Hex, 3/8" - 16, Gr 5
11		86010402		AR	CLAMP 12.7mm, Coat, 10.3mm Bolt Hole, P Type
12		677808		6	SELF-TAP SCREW Hex Flng, 1/4" - 20 x 5/8" HWH, 1/4"-20 x 5/8"
13		237910		2	WIRE CLAMP 7.9mm, Coat, 7.1mm Bolt Hole, P Type
14		9706732		4	CLAMP 19mm ID, 8.7mm Bolt Hole, P Type
15		86604516		AR	INSULATOR
16		86560195		1	WIRE HARNESS Lights
17		263117		10	CABLE TIE 292.1mm L, Nylon, Black
18		86514198		2	TAIL LAMP Kit, Red
19		86537132		2	KIT Lens, Black
20		86537133		2	BULB C6, #1157, 12.8V
21		853711		2	LENS Red
22		86515458		4	WASHER 13mm ID x 22.22mm OD x 1.62mm Thk M12.7
23		86521606		1	FLANGE NUT Hex, 3/8" - 16, Gr 5
24		9611467		1	HOLDER
25		80701		4	WASHER 0.31" ID x 0.73" OD x 0.07" Thk
26		86567387		1	ANGLE Includes: Ref. 27, 28 & 29

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AMBER LIGHTS & RED TAIL LIGHTS



AMBER LIGHTS & RED TAIL LIGHTS

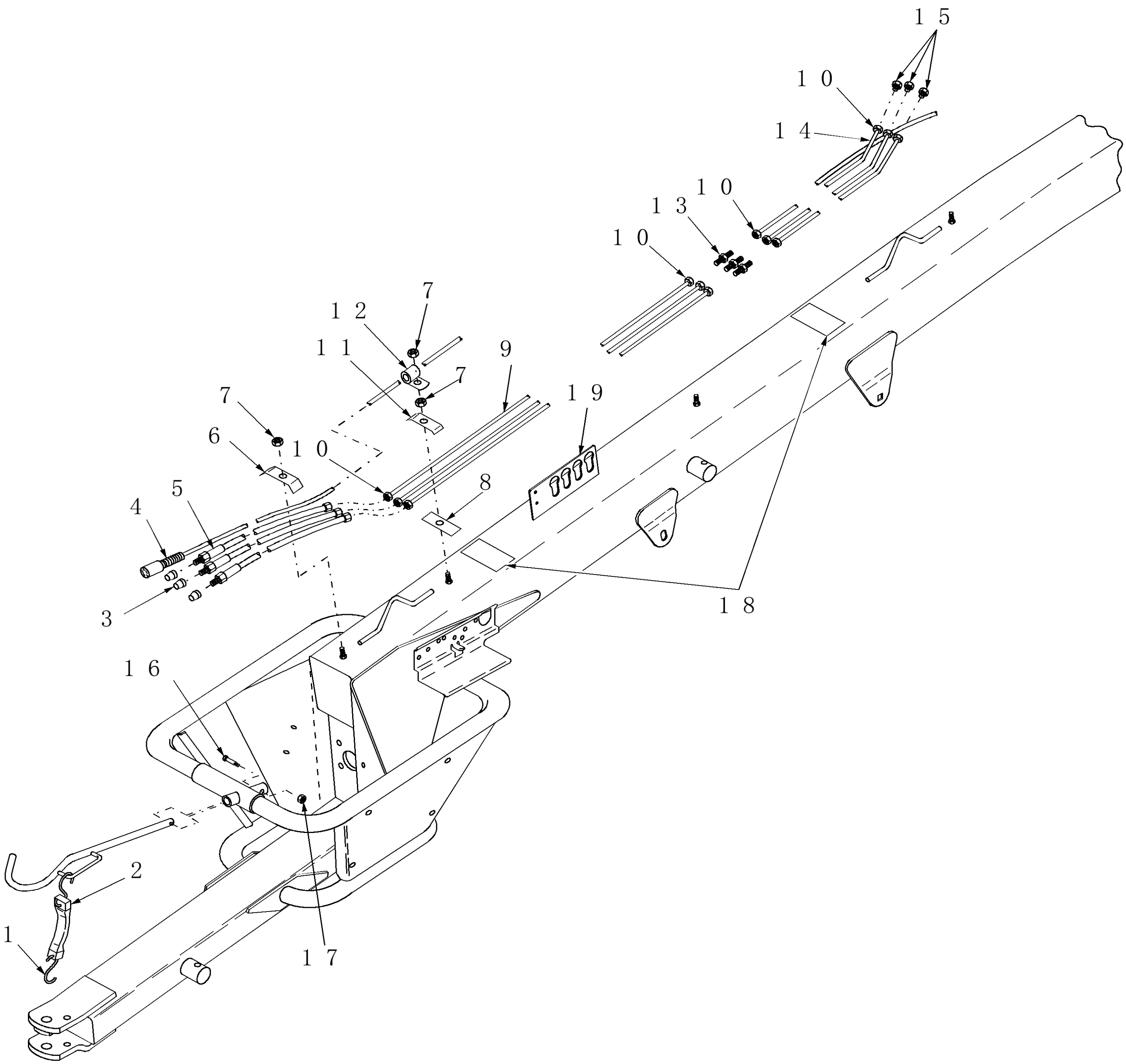
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
27		86547781		1	REFLECTOR RED Tape, Red Retroreflective
28		86547782		1	DECAL Tape, Yellow Reflective Tape, Yellow Retroreflective
29		86547783		1	REFLECTOR Tape, Red Orange Tape, Red-Orange Fluorescent
30		86521609		3	FLANGE NUT Flg, 3/8" - 16
31		140045		4	BELLEVILLE WASHER 10mm ID x 22mm OD x 1.6mm Thk
32		86508749		2	CARRIAGE BOLT Short Square Neck, 3/8" - 16 x 1 1/4", Grade 5

SECTION INDEX

HYDRAULICS

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TONGUE HYDRAULICS & WIRE HARNESS



TONGUE HYDRAULICS & WIRE HARNESS

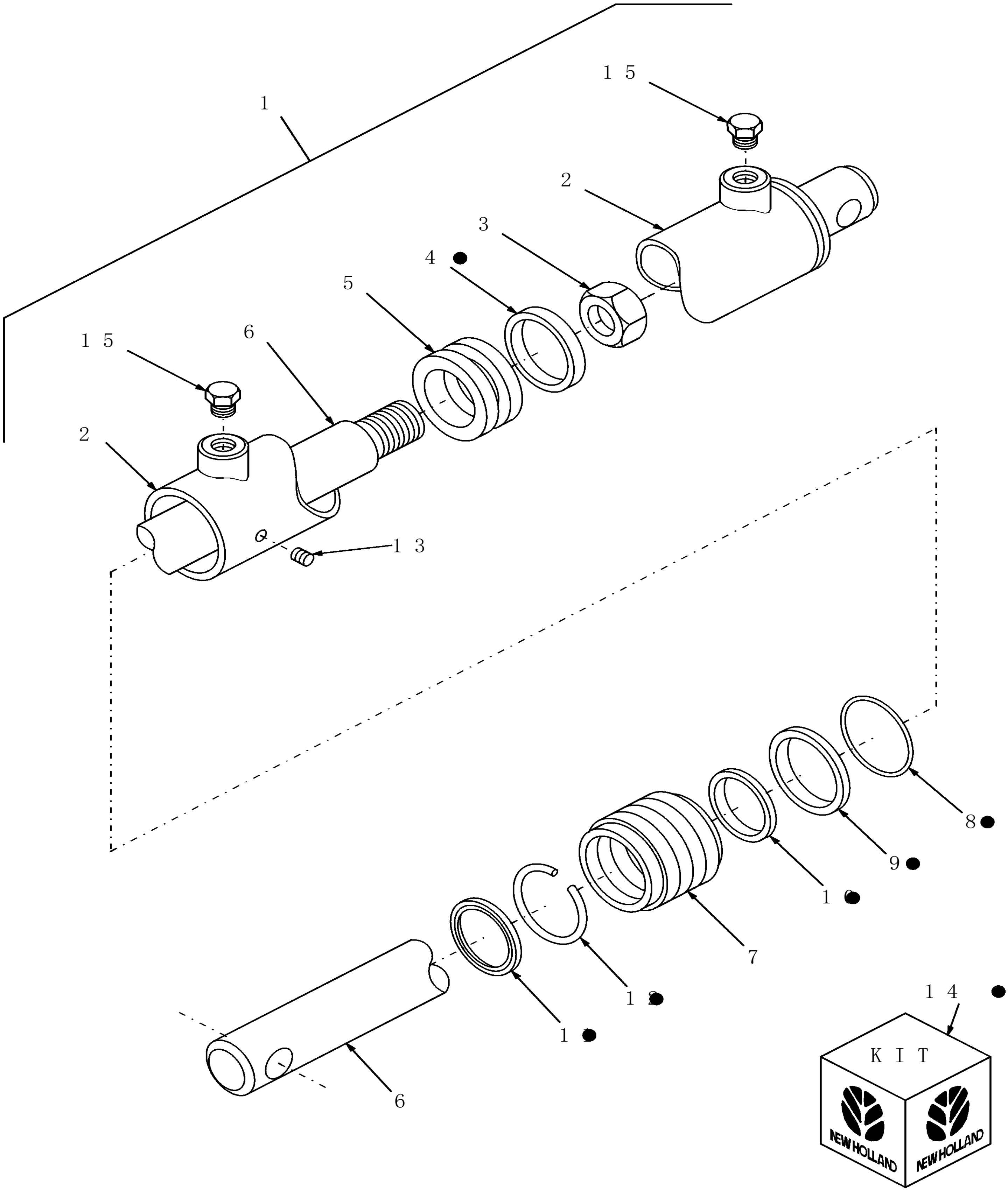
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		115680		2	HOOK Anchor
2		273672		1	FASTENER
3		116070		3	CAP Oil Drain
4	1	86550047		1	WIRE HARNESS Lights
4	2	86560194		1	WIRE HARNESS Lights
5		86539888		3	HOSE 9.53mm ID x 2489.2mm L
6		9603461		1	CLAMP
7		86521609		18	FLANGE NUT Flg, 3/8" - 16
8		765394		8	PAD 19.8mm ID x 31.8mm W x 101.6mm L
9		86538795		3	HYD TUBE 12.70 mm OD x 2805 mm L Includes: Ref. 10
10		235671		12	SLEEVE 37 Degree, 1/2" Tube
10		129428		12	TUBE NUT 37 Degree, 3/4"-16, Type B
11		768999		8	CLAMP
12		86010402		9	CLAMP 12.7mm, Coat, 10.3mm Bolt Hole, P Type
13		128822		3	UNION 3/4" - 16 JIC x 3/4" - 16 JIC
14		86538796		3	HYD TUBE 12.70 mm OD x 1855, 46.1 mm L Includes: Ref. 10
15		86511868		3	PLUG 3/4" - 16 JIC
16		9707515		1	BOLT Hex, 5/16" - 18 x 1-3/4", Gr 5
17		9823743		1	FLANGE NUT Flg, 5/16" - 18
18		853891		AR	TAPE Foam - 3" x 144" x .06" Thk - Used under Ref. 8 & 13
19		86564683		1	SUPPORT Hoses - Requires Welding

(1) **BSN 638669**

(2) **ASN 638669**

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HYDRAULIC CYLINDER, MASTER, BSN

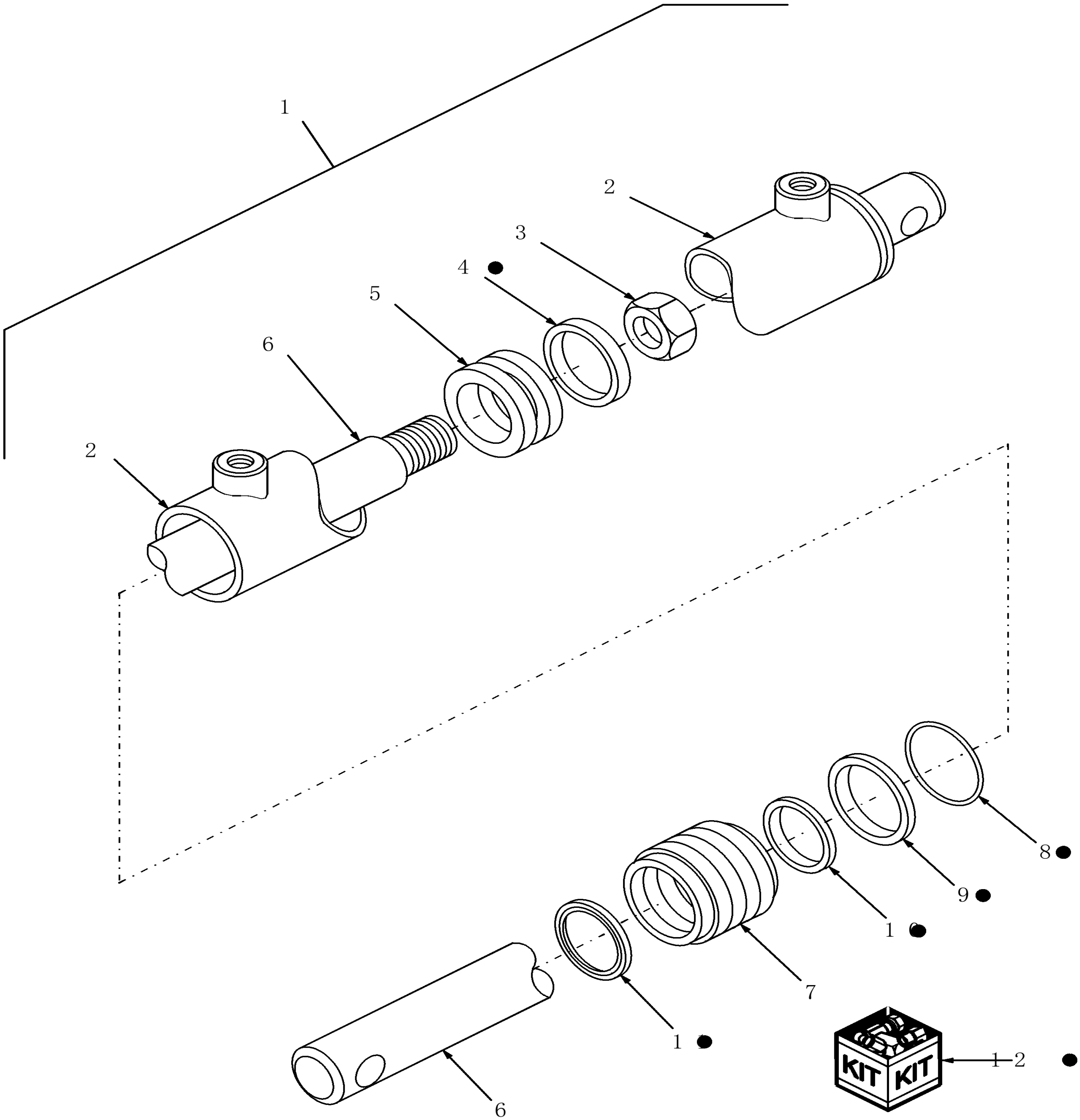


HYDRAULIC CYLINDER, MASTER, BSN

REF FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	86627757		1	HYDRAULIC CYLINDER
2	NSS		1	NOT SOLD SEPARAT Barrel
3	280724		1	LOCK NUT 3/4" - 16
4	86557272		1	SEAL 1.915" ID x 2.54" OD .265 Thk
5	787319		1	PISTON
6	86514217		1	ROD Piston
7	9622051		1	CYLINDER HEAD
8	510200		1	O-RING 0.21" Thk x 2.1" ID, -330, Cl 5, 75 Duro
9	235785		1	BACK-UP RING 54.05mm ID x 63.6mm OD x 1.63mm Thk Back-Up, 2.138" ID x .064" Thk
10	592955		1	SEAL
11	511979		1	SEAL 38.1mm ID x 51mm OD x 6.35mm Thk Oil
12	517561		1	SNAP RING Int, 2.625"
13	529034		1	SET SCREW Set, HS, Self-Locking, Cup Pt, 1/4"-20 x 1/4"
14	792803		AR	SEAL KIT Repair
15	76349		2	PLUG 9/16" - 18 ORB

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HYDRAULIC CYLINDER, MASTER, MONARCH, ASN 1190210



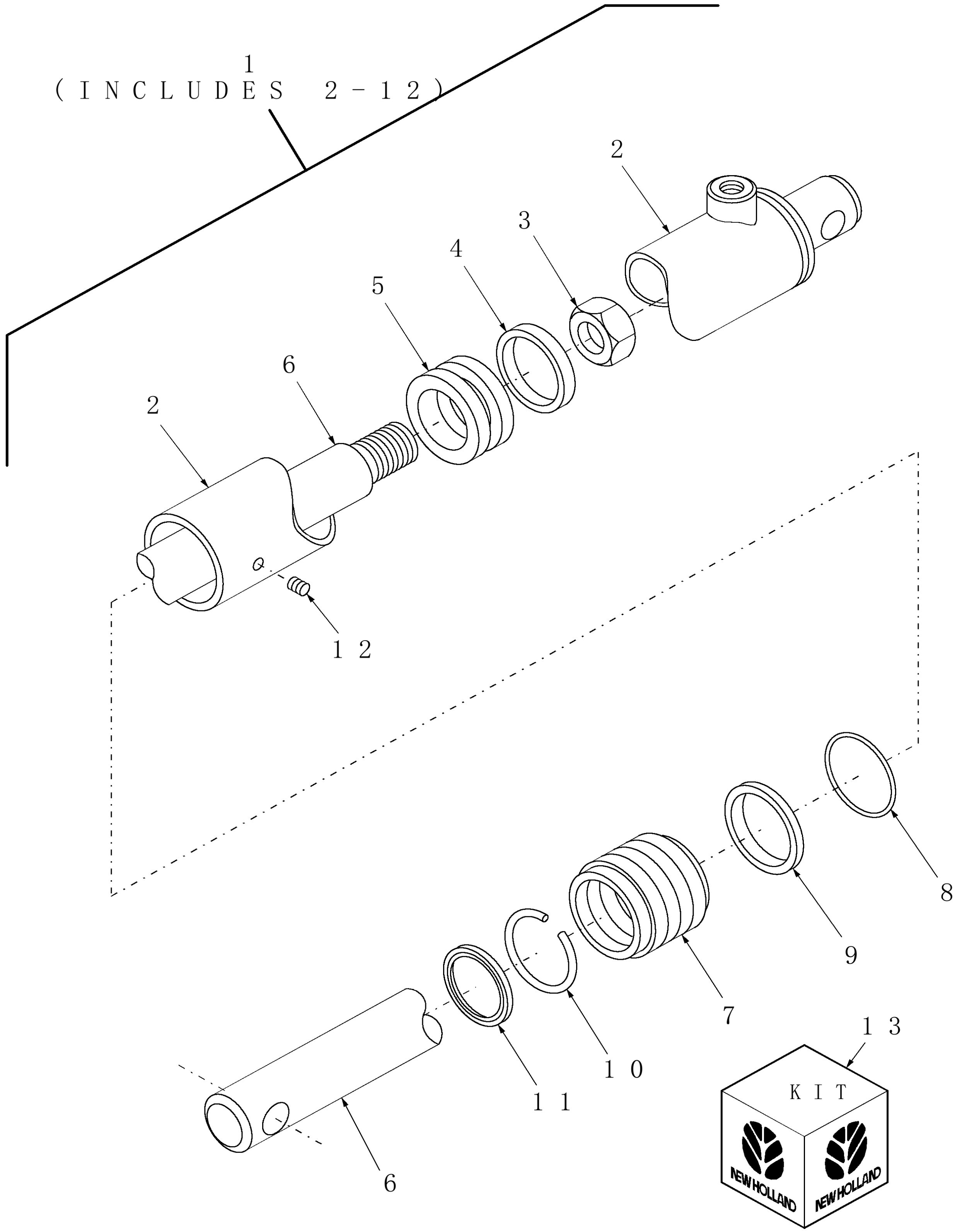
Monarch cylinders are stamped with a date code that starts with the letter "M".

HYDRAULIC CYLINDER, MASTER, MONARCH, ASN 1190210

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87018067		1	HYDRAULIC CYLINDER Double Acting, 38.1mm Rod, 254mm Stroke
2		NSS		1	NOT SOLD SEPARAT Barrel
3		280724		1	LOCK NUT 3/4" - 16
4		86557272		1	SEAL 1.915" ID x 2.54" OD .265 Thk
5		87027473		1	PISTON 2.50" OD 3/4" shaft
6		87027477		1	PISTON ROD
7		87027469		1	HEAD
8		86637769		1	O-RING 0.139" Thk x 2.234" ID, -228, Cl 6, 90 Duro
9		9603673		1	WASHER
10		2978421		1	O-RING
11		511979		1	SEAL 38.1mm ID x 51mm OD x 6.35mm Thk Oil
12		87027481		1	SEAL KIT Includes: 4, 8, 9, 10, & 11

07.03	1	p1	3/2020

HYDRAULIC CYLINDER, SLAVE, BSN 1190210

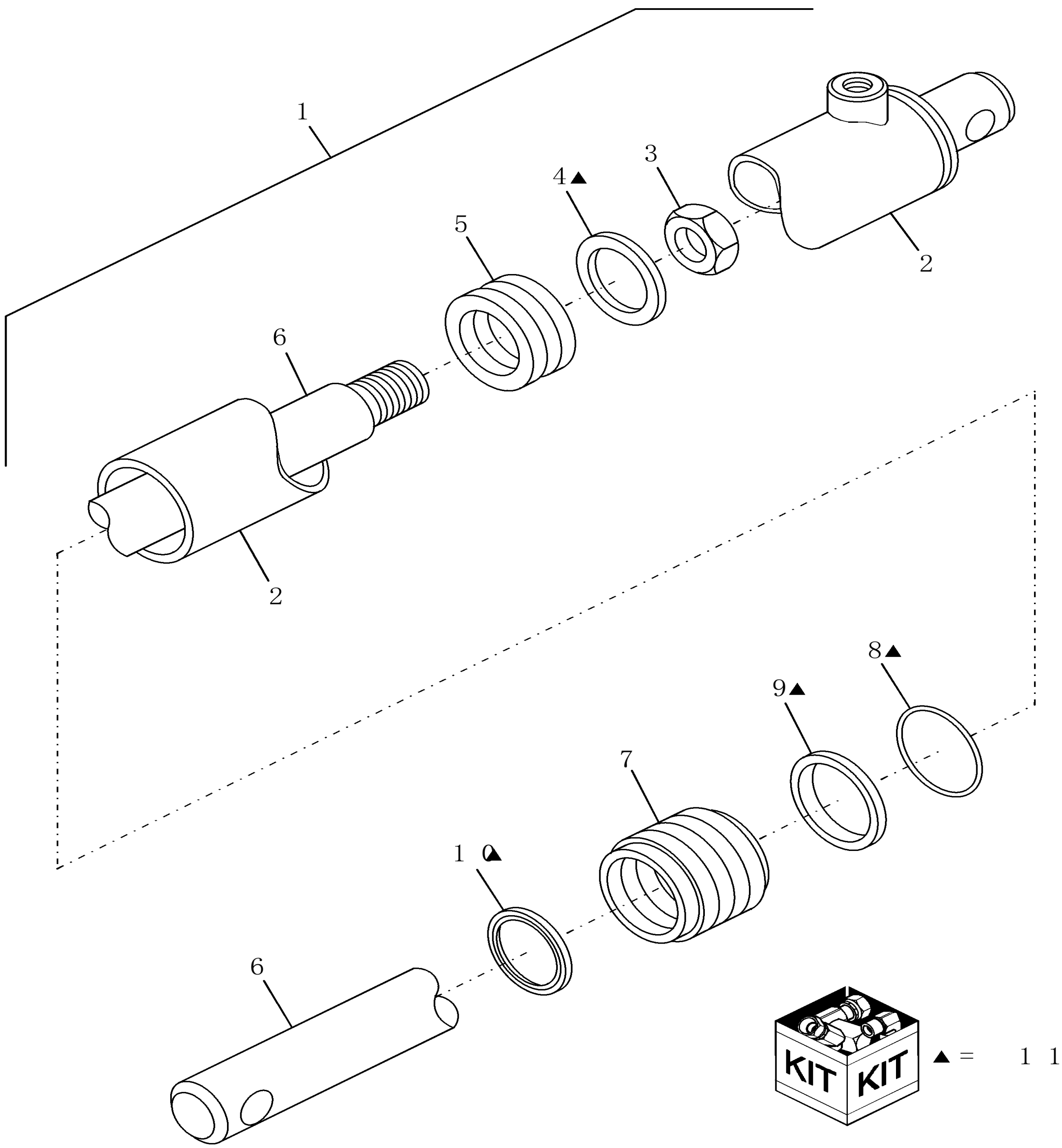


HYDRAULIC CYLINDER, SLAVE, BSN 1190210

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86627756		1	HYDRAULIC CYLINDER Slave, Includes: Ref. 2 - 12
1		87573687R		1	REMAN-HYD CYLINDER 28.7mm Rod, 251.71mm Stroke 1431 BSN 1190210 (1/97-8/08), Reman for New P/N 86627756
		87573687C			CORE-HYD CYLINDER 28.7mm Rod, 251.71mm Stroke Return Number
2		NS		1	NOT SERVICED Barrel
3		280724		1	LOCK NUT 3/4" - 16
4		771706		1	SEAL
5		9827615		1	PISTON
6		86514213		1	ROD Piston
7		9613952		1	CYLINDER HEAD
8		235782		1	O-RING 0.139" Thk x 1.734" ID, -224, Cl 6, 90 Duro
9		270103		1	BACK-UP RING 45.01mm ID x 51mm OD x 1.27mm Thk Back-up, 1.772" ID x .043" Thk
10		512016		1	SNAP RING Int, 2.125"
11		128406		1	SEAL 28.57mm ID x 41.45mm OD x 6.35mm Thk Wiper
12		529034		1	SET SCREW Set, HS, Self-Locking, Cup Pt, 1/4"-20 x 1/4"
13		86525304		AR	SEAL KIT Includes: Ref. 4, & 8 - 11

07.03	2	p1	3/2020

HYDRAULIC CYLINDER, SLAVE, MONARCH, ASN 1190211



Monarch cylinders are stamped with a date code that starts with the letter "M".

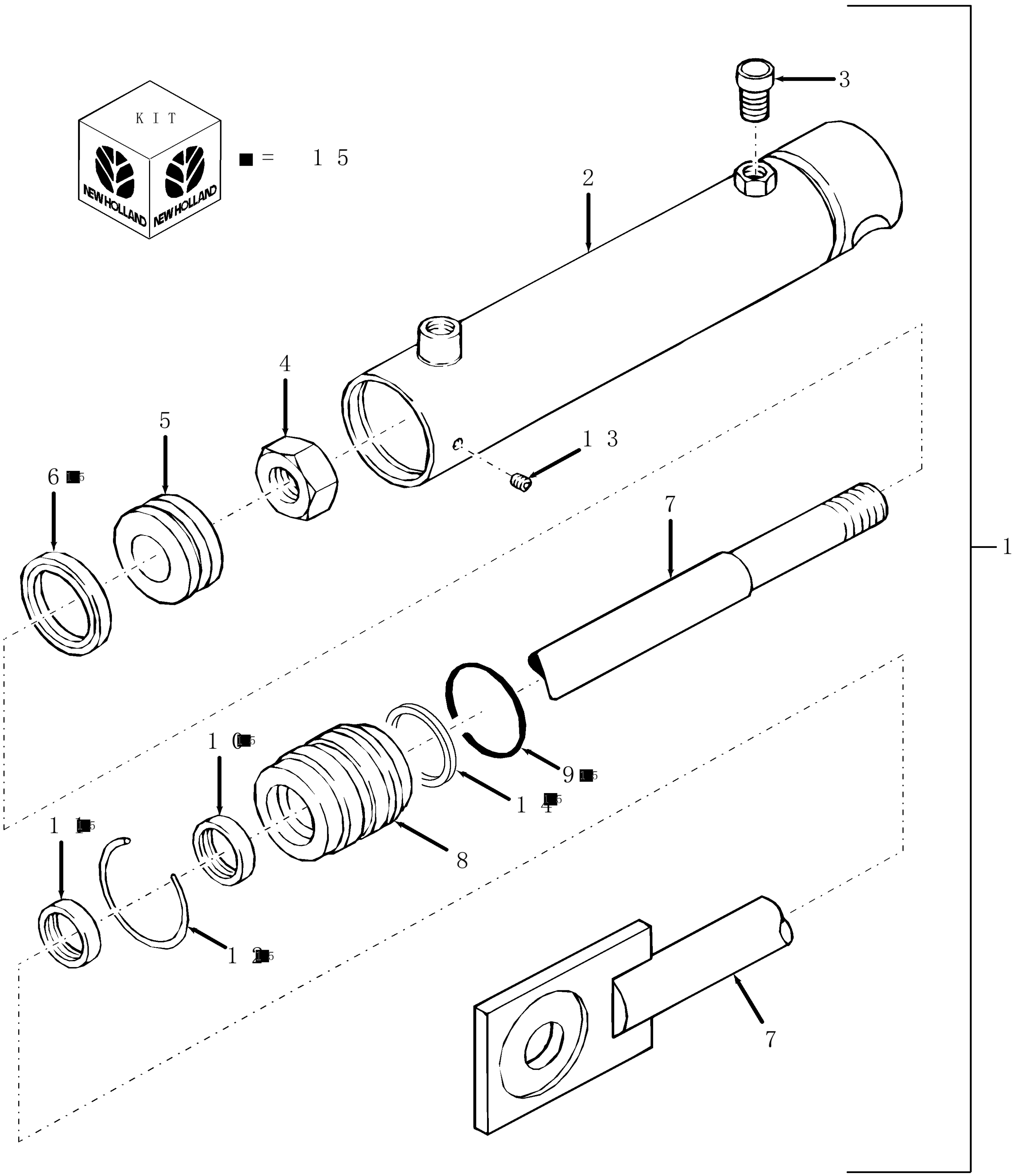
HYDRAULIC CYLINDER, SLAVE, MONARCH, ASN 1190211

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87573687		1	HYDRAULIC CYLINDER 28.7mm Rod, 251.71mm Stroke Cylinder, Slave, Monarch
1		87573687R		1	REMAN-HYD CYLINDER 28.7mm Rod, 251.71mm Stroke 1431 ASN 1190211 (1/97-8/08)
		87573687C			CORE-HYD CYLINDER 28.7mm Rod, 251.71mm Stroke Return Number
2		NS		1	NOT SERVICED Barrel
3		280724		1	LOCK NUT 3/4" - 16
4		86553483		1	SEAL 3 Piece, Piston
5		87026074		1	PISTON
6		87574534		1	PISTON ROD Rod
7		87025433		1	HEAD
8		235782		1	O-RING 0.139" Thk x 1.734" ID, -224, Cl 6, 90 Duro
9		270103		1	BACK-UP RING 45.01mm ID x 51mm OD x 1.27mm Thk Back-up, 1.772" ID x .043" Thk
10		128406		1	SEAL 28.57mm ID x 41.45mm OD x 6.35mm Thk Wiper
11	1	87025444		AR	SEAL KIT Kit

(1) Also Contains Piston Wear Ring; Not Shown Or Serviced Separately

07.04		p1	3/2020

HYDRAULIC CYLINDER, TILT, BSN 650203



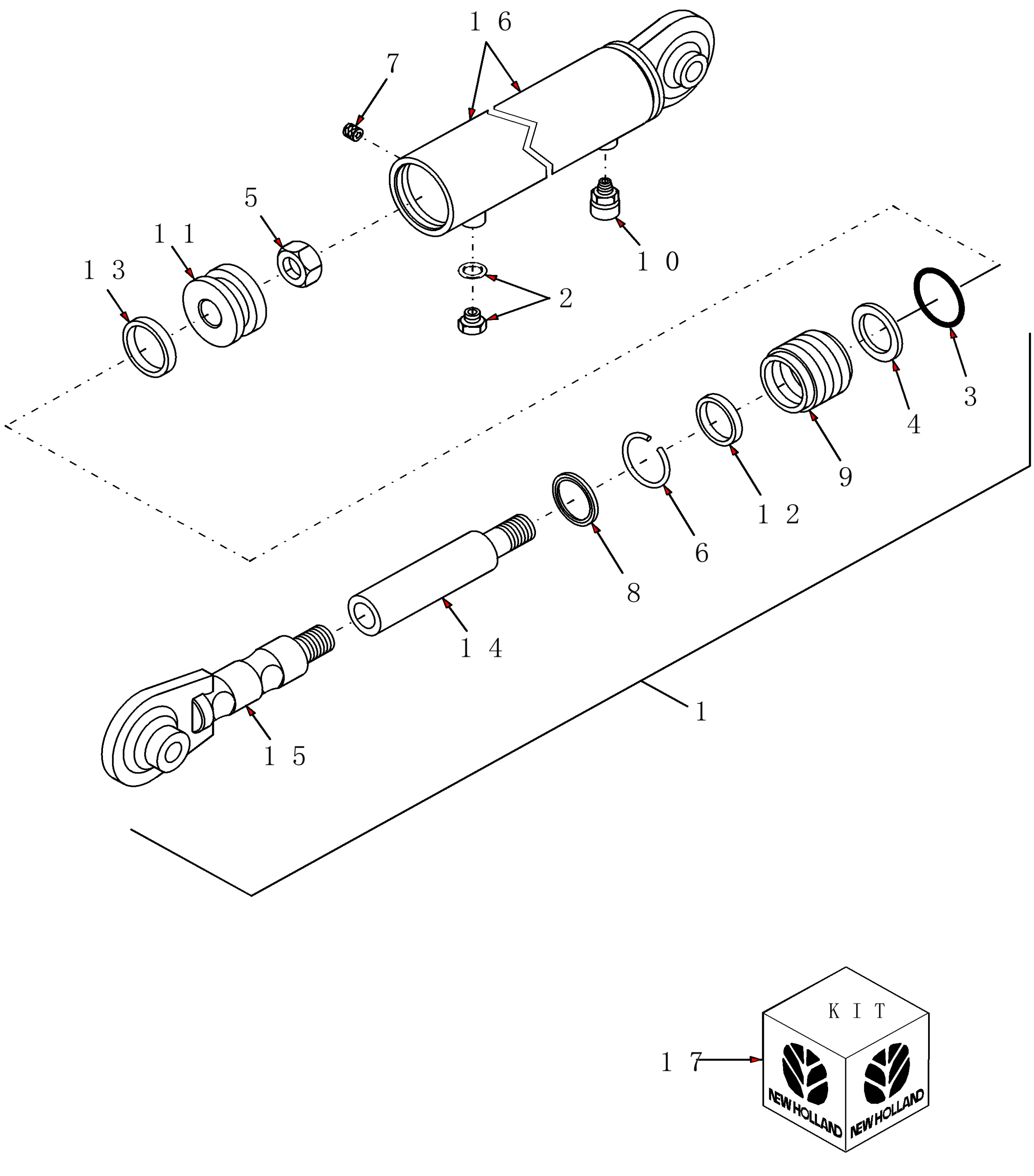
HYDRAULIC CYLINDER, TILT, BSN 650203

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86632808		AR	HYDRAULIC CYLINDER Tilt. Includes: Ref. 2 - 13
		87394809R		AR	REMAN-HYD CYLINDER 31.75mm Rod, 103.63mm Stroke 1431 BSN 650203 (1/97-8/08), REMAN FOR NEW P/N 86632808
	1	87394809C			CORE-HYD CYLINDER 31.75mm Rod, 103.63mm Stroke Return Number
2		86535486		1	HYDRAULIC CYLINDER 50.8mm Bore Dia Barrel
3		46566		1	BREATHER
4		280724		1	LOCK NUT 3/4" - 16
5		86511585		1	PISTON Includes: Ref. 6
6		86553483		1	SEAL Piston, 3 Piece
7		86535514		1	ROD Piston
8		785811		1	CYLINDER HEAD
9		510120		1	O-RING 0.139" Thk x 1.734" ID, -224, Cl 5, 75 Duro
10		86513307		1	SEAL 31.75mm ID x 37.85mm OD x 6.35mm Thk
11		529340		1	SEAL 31.75mm ID x 43.05mm OD x 4.76mm Thk
12		512016		1	SNAP RING Int, 2.125"
13		529034		1	SET SCREW Set, HS, Self-Locking, Cup Pt, 1/4"-20 x 1/4"
14		270103		1	BACK-UP RING 45.01mm ID x 51mm OD x 1.27mm Thk Back-up, 1.772" ID x .043" Thk
15		86511584		AR	REPAIR KIT Includes: Ref. 6, 9 - 12, & 14

(1) BSN 650209

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HYDRAULIC CYLINDER, TILT, BTWN SN 650209 & 1190145



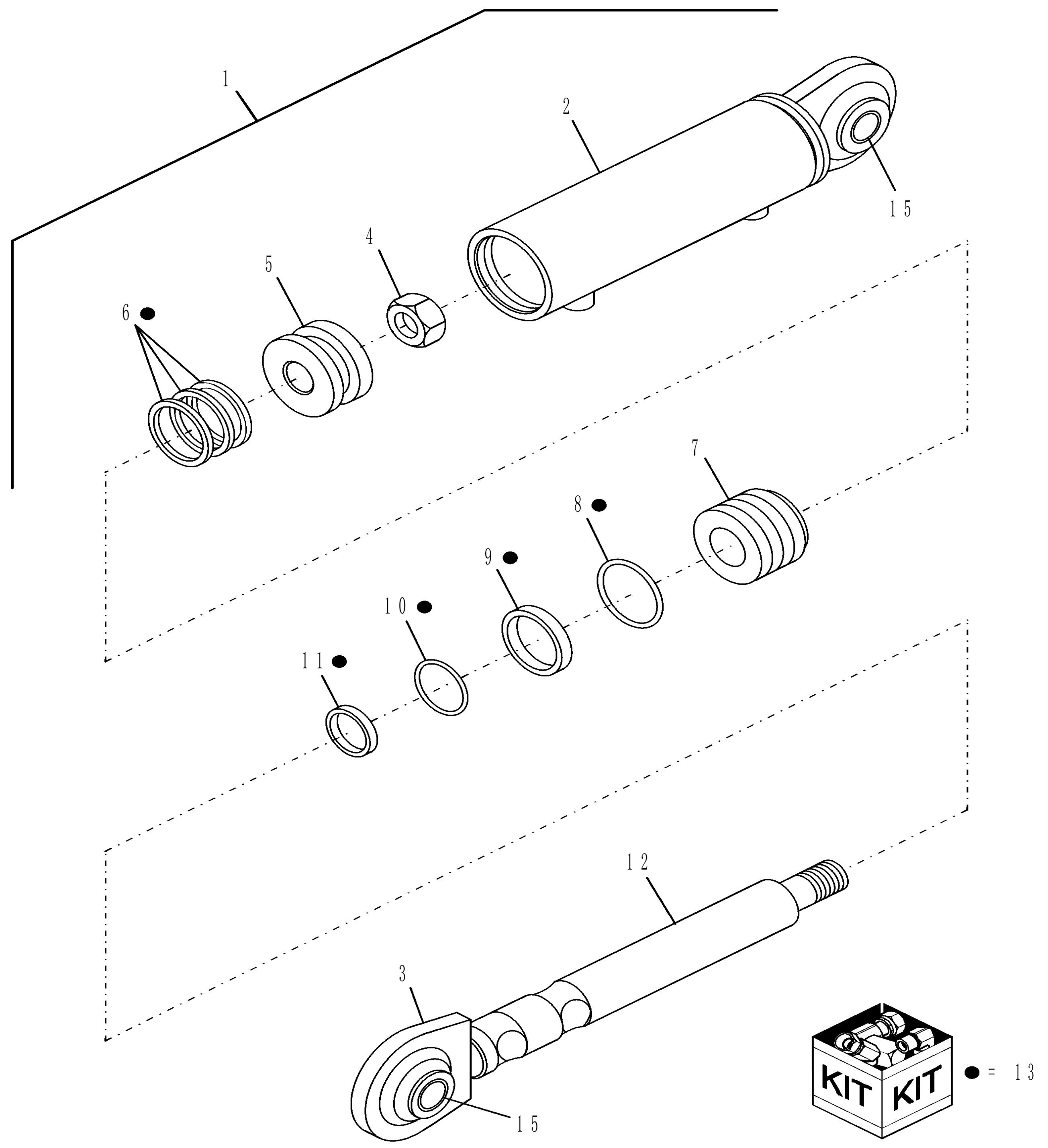
HYDRAULIC CYLINDER, TILT, BTWN SN 650209 & 1190145

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86627758		1	HYDRAULIC CYLINDER Tilt, Includes: Ref. 2 -15
		87394809R		1	REMAN-HYD CYLINDER 31.75mm Rod, 103.63mm Stroke 1431 BTWN SN 650209 & 1190145 (1/97-8/08), REMAN FOR NEW P/N 86627758
	1	87394809C			CORE-HYD CYLINDER 31.75mm Rod, 103.63mm Stroke Return Number
2		76349		1	PLUG 9/16" - 18 ORB
2		9617873		1	O-RING 0.078" Thk x 0.468" ID, -906, Cl 6, 90 Duro
3		235782		1	O-RING 0.139" Thk x 1.734" ID, -224, Cl 6, 90 Duro
4		270103		1	BACK-UP RING 45.01mm ID x 51mm OD x 1.27mm Thk Back-up, 1.772" ID x .043" Thk
5		280724		1	LOCK NUT 3/4" - 16
6		512016		1	SNAP RING Int, 2.125"
7		529034		1	SET SCREW Set, HS, Self-Locking, Cup Pt, 1/4"-20 x 1/4"
8		529340		1	SEAL 31.75mm ID x 43.05mm OD x 4.76mm Thk
9		785811		1	CYLINDER HEAD
10		854071		1	BREATHER
11		9849917		1	PISTON
12		86513307		1	SEAL 31.75mm ID x 37.85mm OD x 6.35mm Thk
13		86553483		1	SEAL Piston, 3 Piece
14		86603962		1	ROD Piston
15		86603963		1	BALL JOINT
16		NS		1	NOT SERVICED Barrel
17		86603982		AR	SEAL KIT Includes: Ref. 3, 4, 6, 8, 12, & 13

(1) **ASN 650209**

07.04	2	p1	3/2020

HYDRAULIC CYLINDER, TILT, MONARCH, ASN 1190146



Monarch cylinders are stamped with a date code that starts with the letter "M".

HYDRAULIC CYLINDER, TILT, MONARCH, ASN 1190146

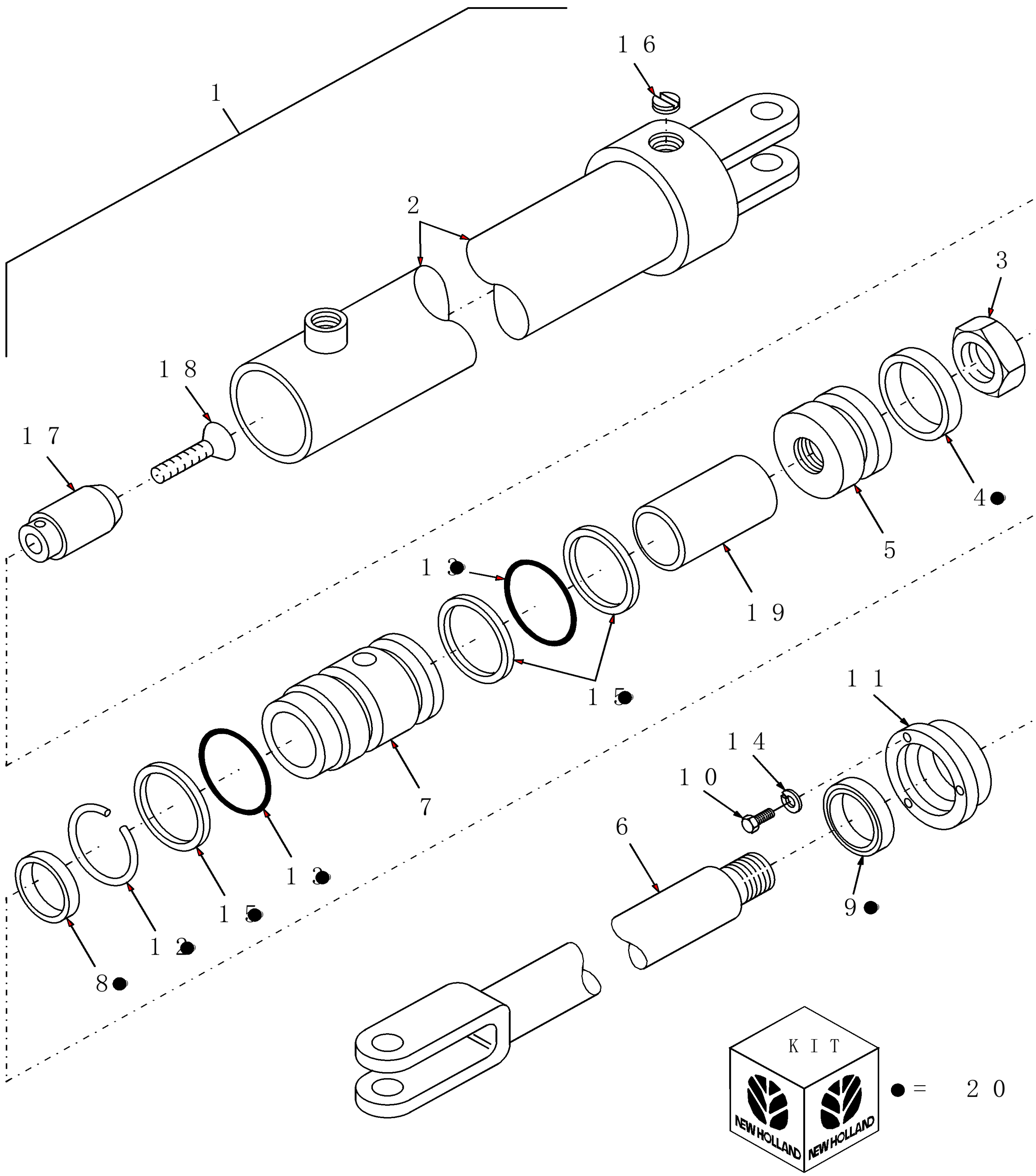
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87394809		1	HYDRAULIC CYLINDER 31.75mm Rod, 103.63mm Stroke Tilt
		87394809R		1	REMAN-HYD CYLINDER 31.75mm Rod, 103.63mm Stroke 1431 ASN 1190146 (1/97-8/08)
		87394809C			CORE-HYD CYLINDER 31.75mm Rod, 103.63mm Stroke Return Number
2		NSS		1	NOT SOLD SEPARAT Barrel
3		87025738		1	PISTON ROD
4		280724		1	LOCK NUT 3/4" - 16
5		87025737		1	PISTON
6		86553483		1	SEAL Three-piece
7		87025720		1	HEAD
8		235782		1	O-RING 0.139" Thk x 1.734" ID, -224, Cl 6, 90 Duro
9		270103		1	BACK-UP RING 45.01mm ID x 51mm OD x 1.27mm Thk Back-up, 1.772" ID x .043" Thk
10		86513307		1	SEAL 31.75mm ID x 37.85mm OD x 6.35mm Thk
11		529340		1	SEAL 31.75mm ID x 43.05mm OD x 4.76mm Thk Wiper
12		87026834		1	ROD
13		87025441		1	SEAL KIT Kit, Includes: Ref's 6, 8, 9, 10, and 11
14	1	854071		1	BREATHER Vent Plug
15	2	87580646		2	BUSHING 19.05mm ID x 34.92mm OD x 34.92mm L Bushing, Spring

(1) **Not Shown**

(2) **Included W/Those Cylinders Manufactured After 10/01/06**

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HYDRAULIC SWING CYLINDER, BSN-650209

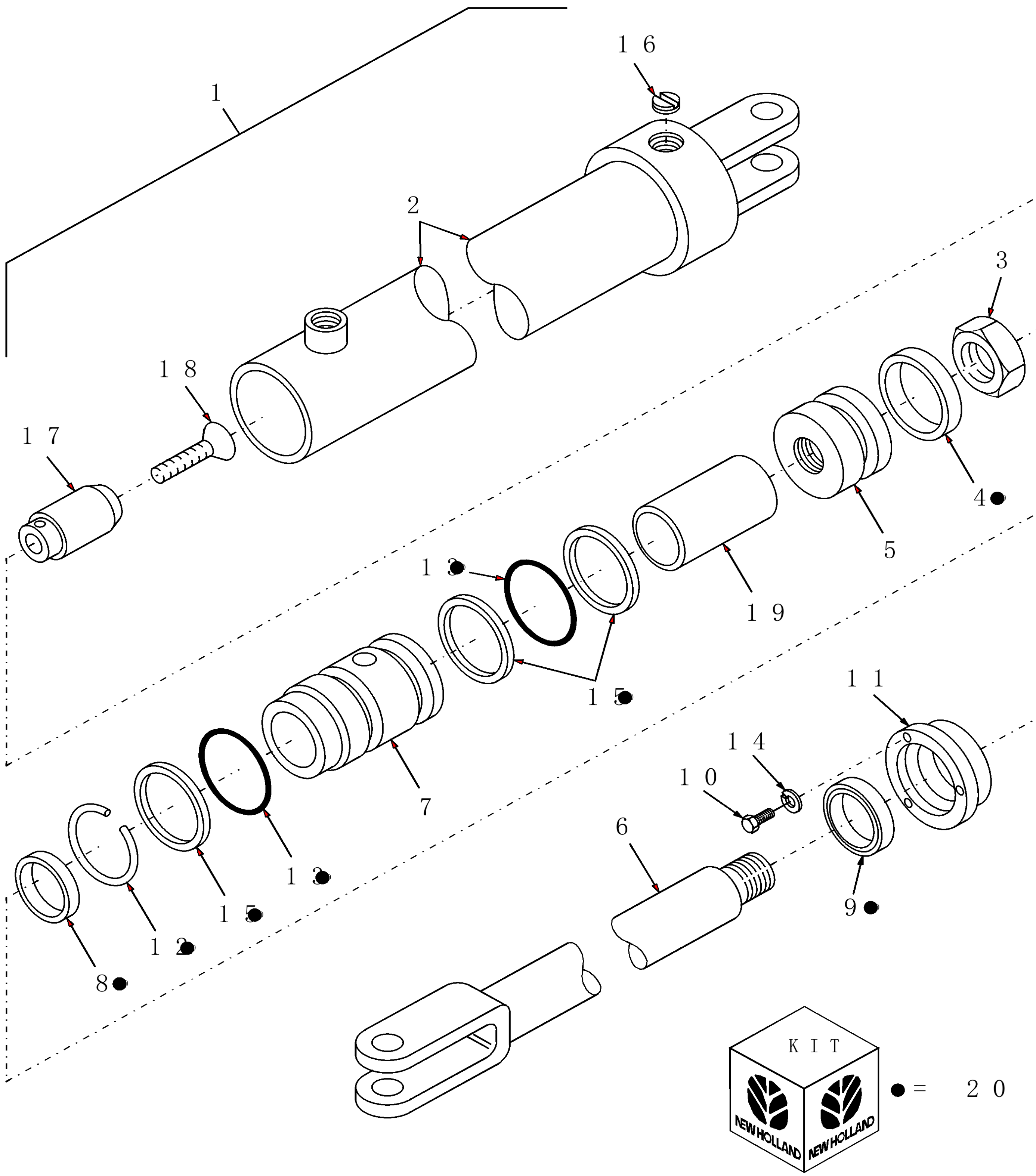


HYDRAULIC SWING CYLINDER, BSN-650209

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86594405		1	HYDRAULIC CYLINDER Swing
2		NSS		1	NOT SOLD SEPARAT Barrel
3		514101		1	LOCK NUT Hex, 1" - 14 G8, 1"-14
4		86595542		1	SEAL 2.605" ID x 3.00" OD x .275" Thk
5		770144		1	PISTON
6		86551910		1	ROD
		87515542R		1	REMAN-HYD CYLINDER Double Acting, 38.1mm Rod, 484.38mm Stroke 1431, HYDRAULIC SWING CYLINDER, BSN-650209 (1/97-8/08), Reman for New P/N 86551910
		87515542C			CORE-HYD CYLINDER Double Acting, 38.1mm Rod, 484.38mm Stroke Return Number
7		86514228		1	CYLINDER HEAD
8		592955		1	SEAL
9		511979		1	SEAL 38.1mm ID x 51mm OD x 6.35mm Thk
10		87716		3	BOLT 1/4"-20 x 1-1/4", Cl 5
11		515262		1	CAP COVER
12		512015		1	SNAP RING Int, 3.062"
13		510204		2	O-RING 0.21" Thk x 2.6" ID, -334, Cl 5, 75 Duro
14		80682		3	LOCK WASHER 1/4"
15		235784		3	WASHER 66.62mm ID x 76.43mm OD x 1.52mm Thk Back-Up, 2.643" ID x .064" Thk
16		285636		1	ORIFICE
17		591395		1	PIN Metering
18		591396		1	SCREW HS, CSK, Self-Locking, 1/4"-20 x 2-1/4"
19		86521288		1	SLEEVE Metering

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HYDRAULIC SWING CYLINDER, BSN-650209



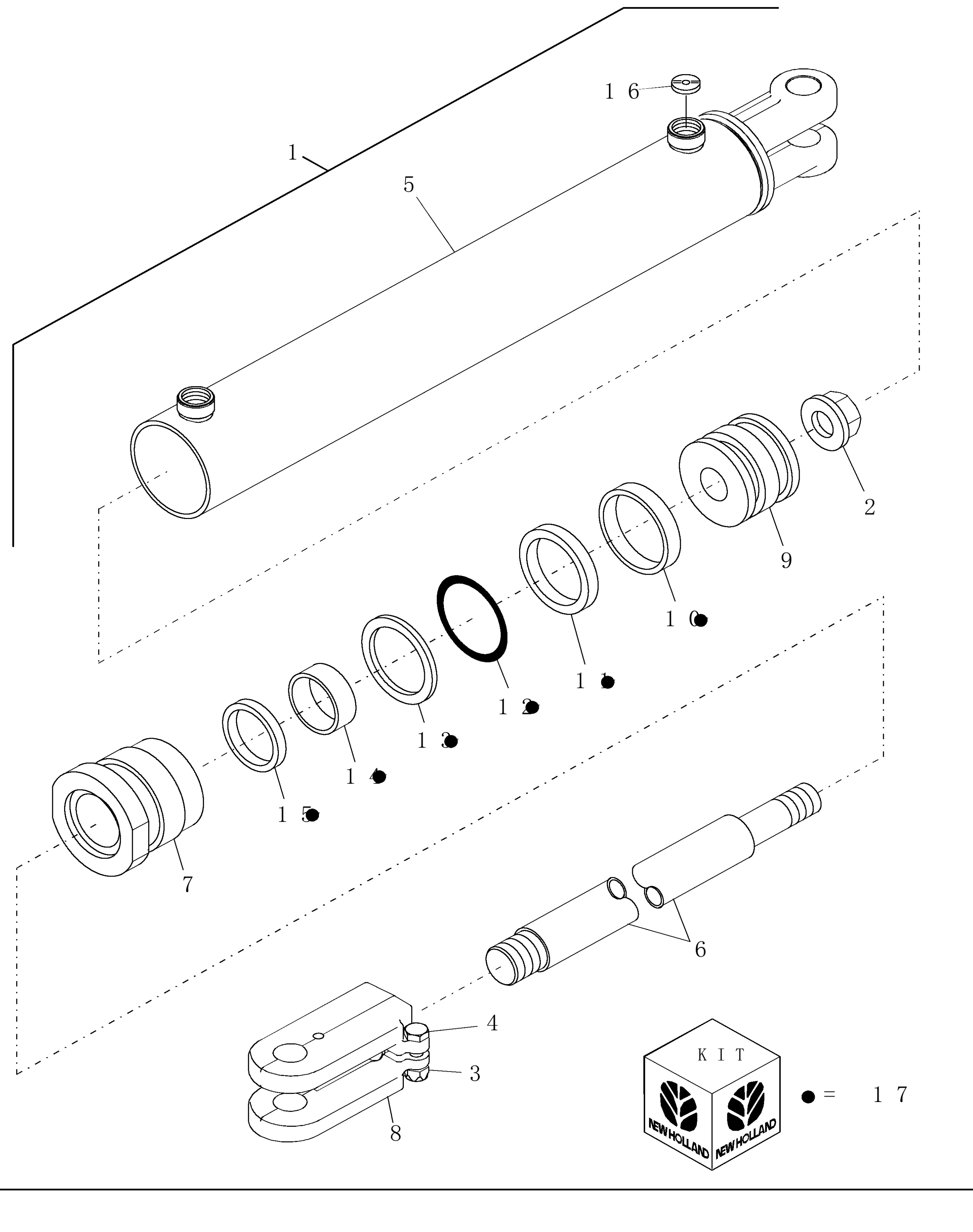
HYDRAULIC SWING CYLINDER, BSN-650209

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
20	1	86597126		AR	SEAL KIT Includes: (1) Ref. 4, 8, 9, 12, 13, & 15

(1) (1) Ref.13 & (2) Ref. 15 Will Be Required For Older Cylinders

07.05	1	p1	3/2020

HYDRAULIC SWING CYLINDER, BETWEEN 650209 & 657983



HYDRAULIC SWING CYLINDER, BETWEEN 650209 & 657983

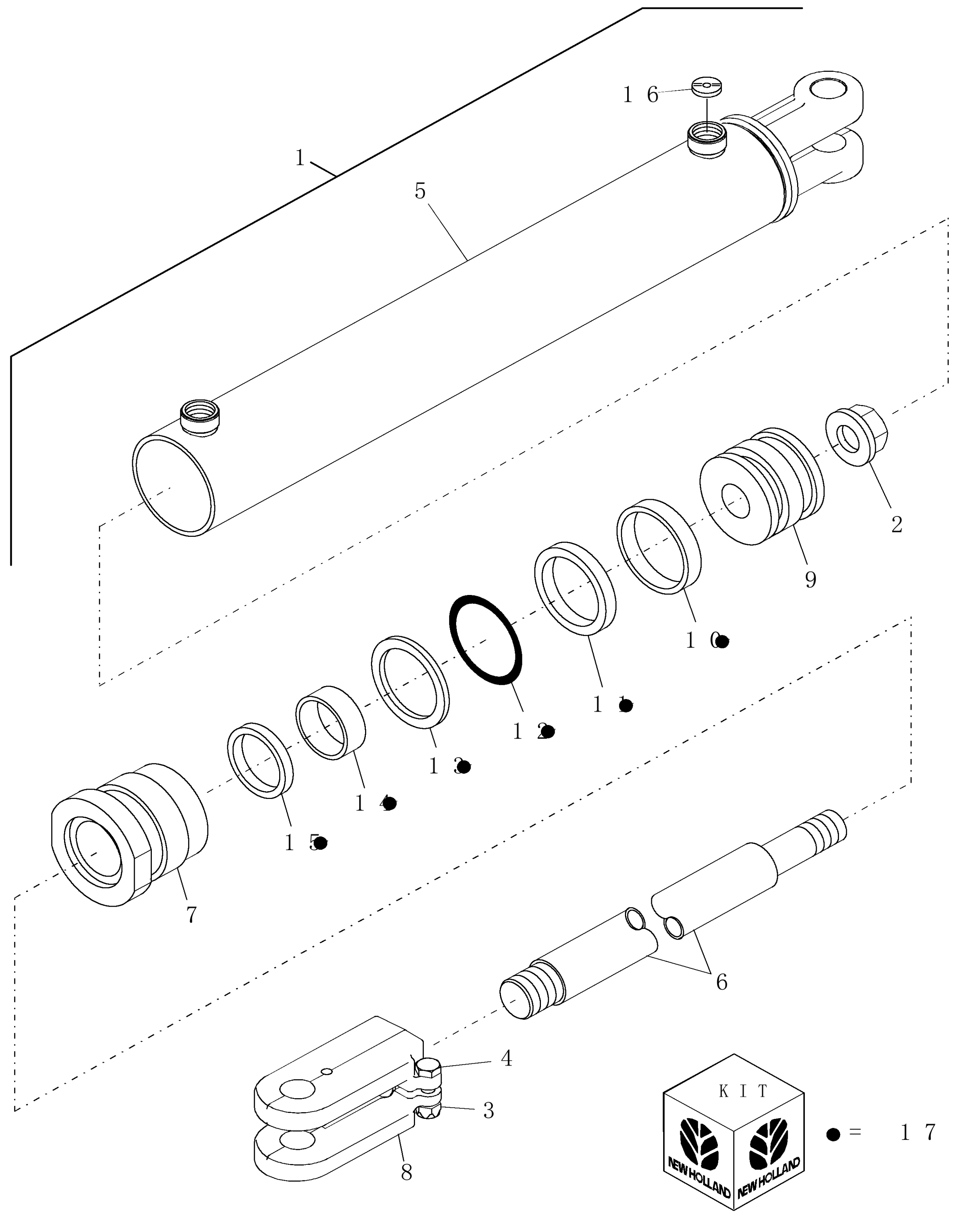
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1,2	86603701		1	HYDRAULIC CYLINDER Swing
2		514101		1	LOCK NUT Hex, 1" - 14 G8, 1"-14
3		88902		1	NUT 3/8" - 16, Gr C
4		9706689		1	BOLT Hex, 3/8" - 16 x 1-3/4", Gr 5
5		NSS		1	NOT SOLD SEPARAT Barrel
6		86615920		1	ROD Piston
		87515542R		1	REMAN-HYD CYLINDER Double Acting, 38.1mm Rod, 484.38mm Stroke 1431, HYDRAULIC SWING CYLINDER, BETWEEN 650209 & 657983 (1/97-8/08), Reman for New P/N 86615920
		87515542C			CORE-HYD CYLINDER Double Acting, 38.1mm Rod, 484.38mm Stroke Return Number
7		86603706		1	CYLINDER HEAD
8		86603707		1	CLEVIS
		87515542R		1	REMAN-HYD CYLINDER Double Acting, 38.1mm Rod, 484.38mm Stroke 1431, HYDRAULIC SWING CYLINDER, BETWEEN 650209 & 657983 (1/97-8/08), Reman for New P/N 86603707
		87515542C			CORE-HYD CYLINDER Double Acting, 38.1mm Rod, 484.38mm Stroke Return Number
9		86603723		1	PISTON Decelerator
10		771714		1	RING Wear, 2.876" ID x .50" Thk
11		86595542		1	SEAL 2.605" ID x 3.00" OD x .275" Thk
12		270192		1	O-RING 0.21" Thk x 2.725" ID, -335, Cl 5, 75 Duro
13		NSS		1	NOT SOLD SEPARAT Back-up Washer, Urethane

(1) Cylinder Must Be Installed With Clamp Bolt Facing Rear Of Machine

(2) ASN 650209 To 657983

07.05	1	p2	3/2020

HYDRAULIC SWING CYLINDER, BETWEEN 650209 & 657983

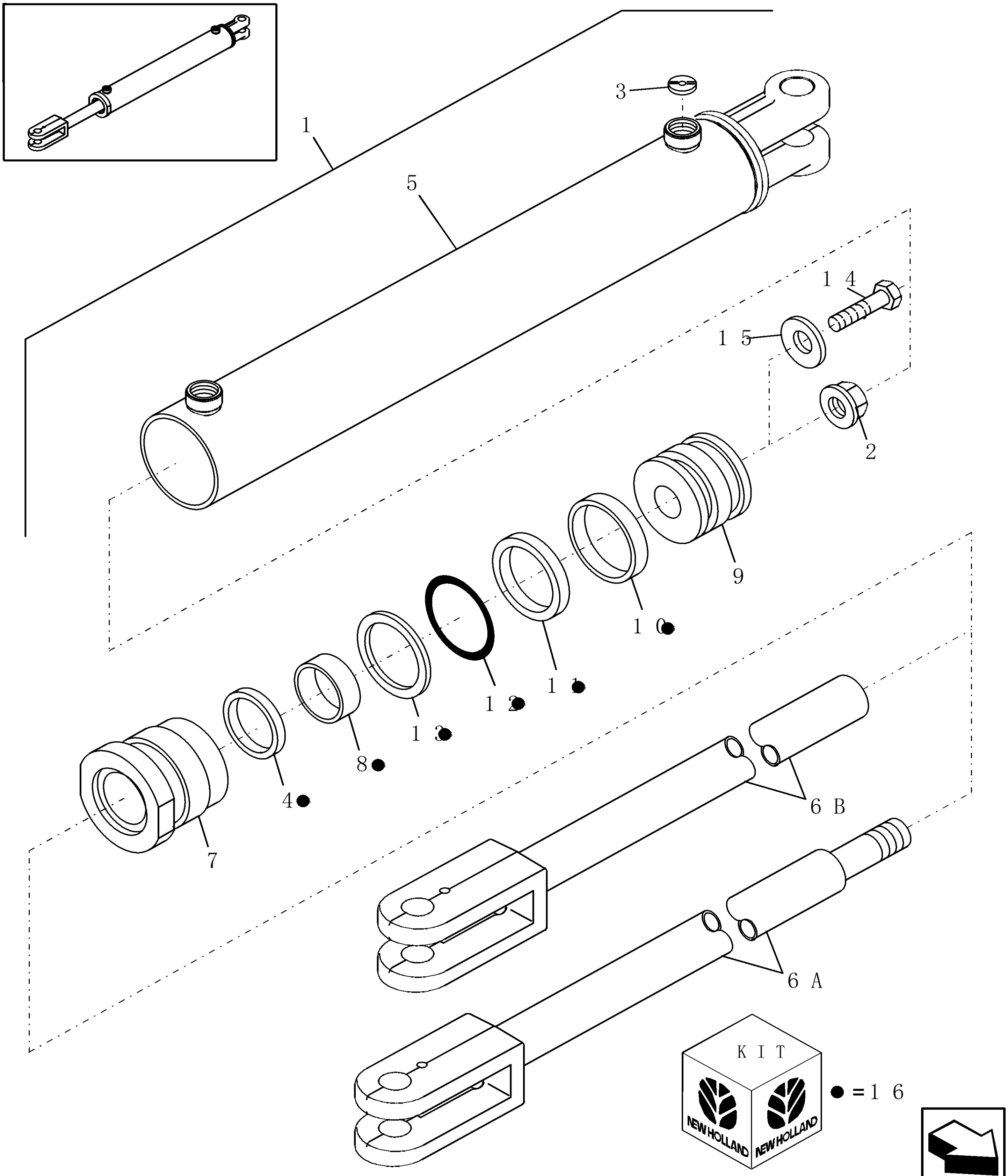


HYDRAULIC SWING CYLINDER, BETWEEN 650209 & 657983

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
14		2978421		1	O-RING
15		511979		1	SEAL 38.1mm ID x 51mm OD x 6.35mm Thk
16		285636		1	ORIFICE
17		86603708		AR	SEAL KIT Includes: Ref. 2, 12, 13, 14, & 16

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HYDRAULIC SWING CYLINDER, ASN-657983



HYDRAULIC SWING CYLINDER, ASN-657983

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	86630071		1	HYDRAULIC CYLINDER Uses Ref. 2 & 6A
		87515542R		1	REMAN-HYD CYLINDER Double Acting, 38.1mm Rod, 484.38mm Stroke 1431, HYDRAULIC SWING CYLINDER, ASN-657983 (1/97-8/08), Reman for New P/N 86630071
		87515542C			CORE-HYD CYLINDER Double Acting, 38.1mm Rod, 484.38mm Stroke Return Number
1	2	86643606		1	HYDRAULIC CYLINDER Uses Ref. 6B, 14, & 15
		87515542R		1	REMAN-HYD CYLINDER Double Acting, 38.1mm Rod, 484.38mm Stroke 1431, ASN-657983 (1/97-8/08), Reman for new P/N 86643606
		87515542C			CORE-HYD CYLINDER Double Acting, 38.1mm Rod, 484.38mm Stroke Return Number
1	3,4	87018098		1	HYDRAULIC CYLINDER Monarch
		87515542R		1	REMAN-HYD CYLINDER Double Acting, 38.1mm Rod, 484.38mm Stroke 1431, HYDRAULIC SWING CYLINDER, ASN-657983 (1/97-8/08), Reman for New P/N 87018098
		87515542C			CORE-HYD CYLINDER Double Acting, 38.1mm Rod, 484.38mm Stroke Return Number
2	5	514101		1	LOCK NUT Hex, 1" - 14 G8, 1"-14, Use W/ Ref. 6A

(1) **ASN 657983 to BSN 663578**

(2) **ASN 663578**

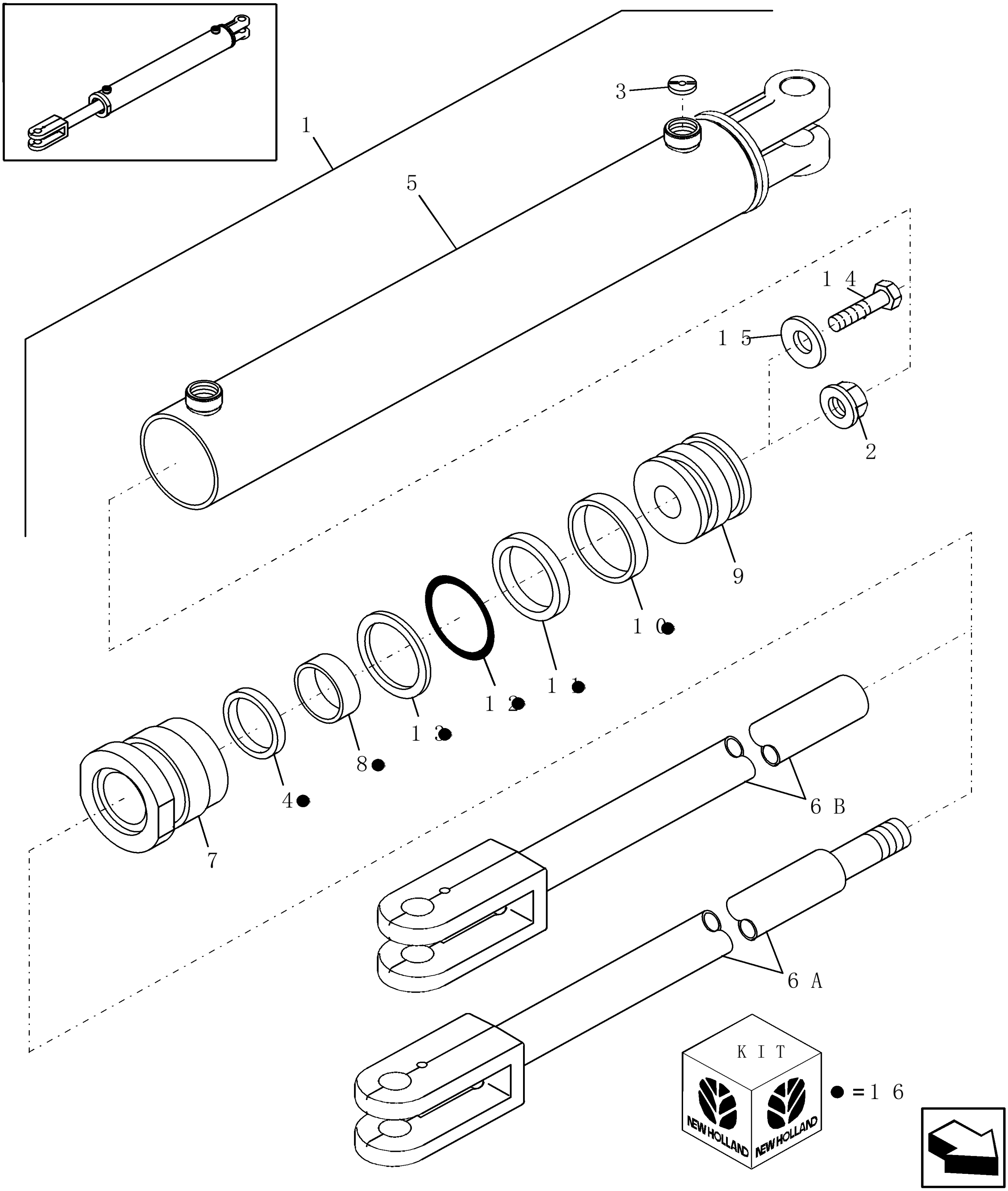
(3) **ASN 1190276**

(4) **Components interchangeable with 86643606**

(5) **BSN 663578**

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HYDRAULIC SWING CYLINDER, ASN-657983



HYDRAULIC SWING CYLINDER, ASN-657983

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
3		285636		1	ORIFICE
4		511979		1	SEAL 38.1mm ID x 51mm OD x 6.35mm Thk
5		NSS		1	NOT SOLD SEPARAT Barrel
6A	1	86615920		1	ROD Piston, Male Threaded End
		87515542R		1	REMAN-HYD CYLINDER Double Acting, 38.1mm Rod, 484.38mm Stroke 1431, HYDRAULIC SWING CYLINDER, ASN-657983 (1/97-8/08), Reman for New P/N 86615920
		87515542C			CORE-HYD CYLINDER Double Acting, 38.1mm Rod, 484.38mm Stroke Return Number
6B	2	86643607		1	ROD Piston, Female Threaded End
7		86603706		1	CYLINDER HEAD
8		592955		1	SEAL
9		86603723		1	PISTON Decelerator
10		771714		1	RING Wear, 2.876" ID x .50" Thk
11		86595542		1	SEAL 2.605" ID x 3.00" OD x .275" Thk
12		270192		1	O-RING 0.21" Thk x 2.725" ID, -335, Cl 5, 75 Duro
13		86609324		1	SEALING WASHER SEAL WASHER Back-up, Urethane
14	2	86979387		1	BOLT Hex, 1" - 8 x 3 1/2", Gr 8
15		9803749		1	WASHER Hardened
16		86603708		AR	SEAL KIT Includes: (1) Ref. 4, 8, & 10 - 13

(1) **BSN 663578**

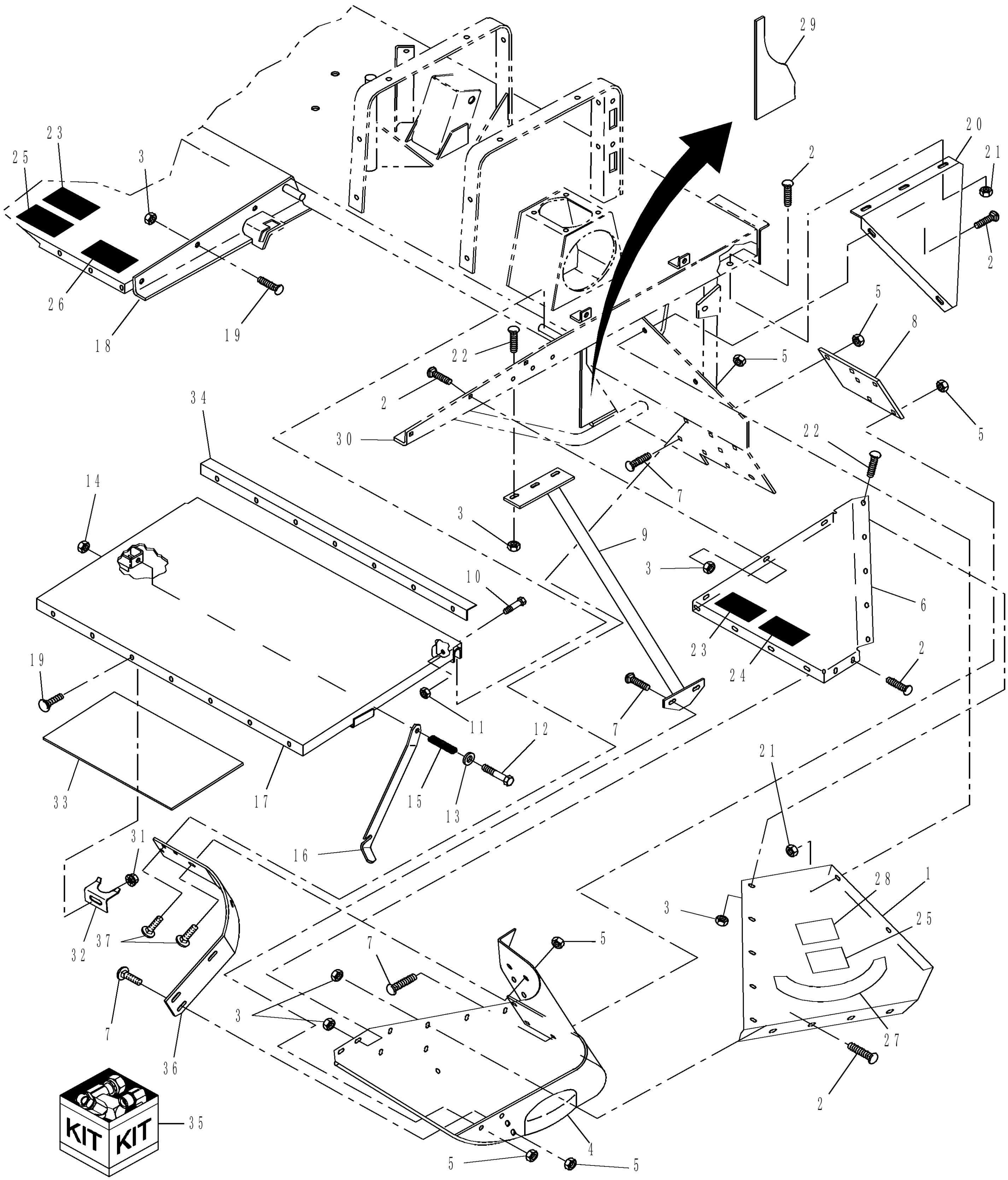
(2) **ASN 663578**

SECTION INDEX

SHEET METAL

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SHIELDING, LEFT SIDE



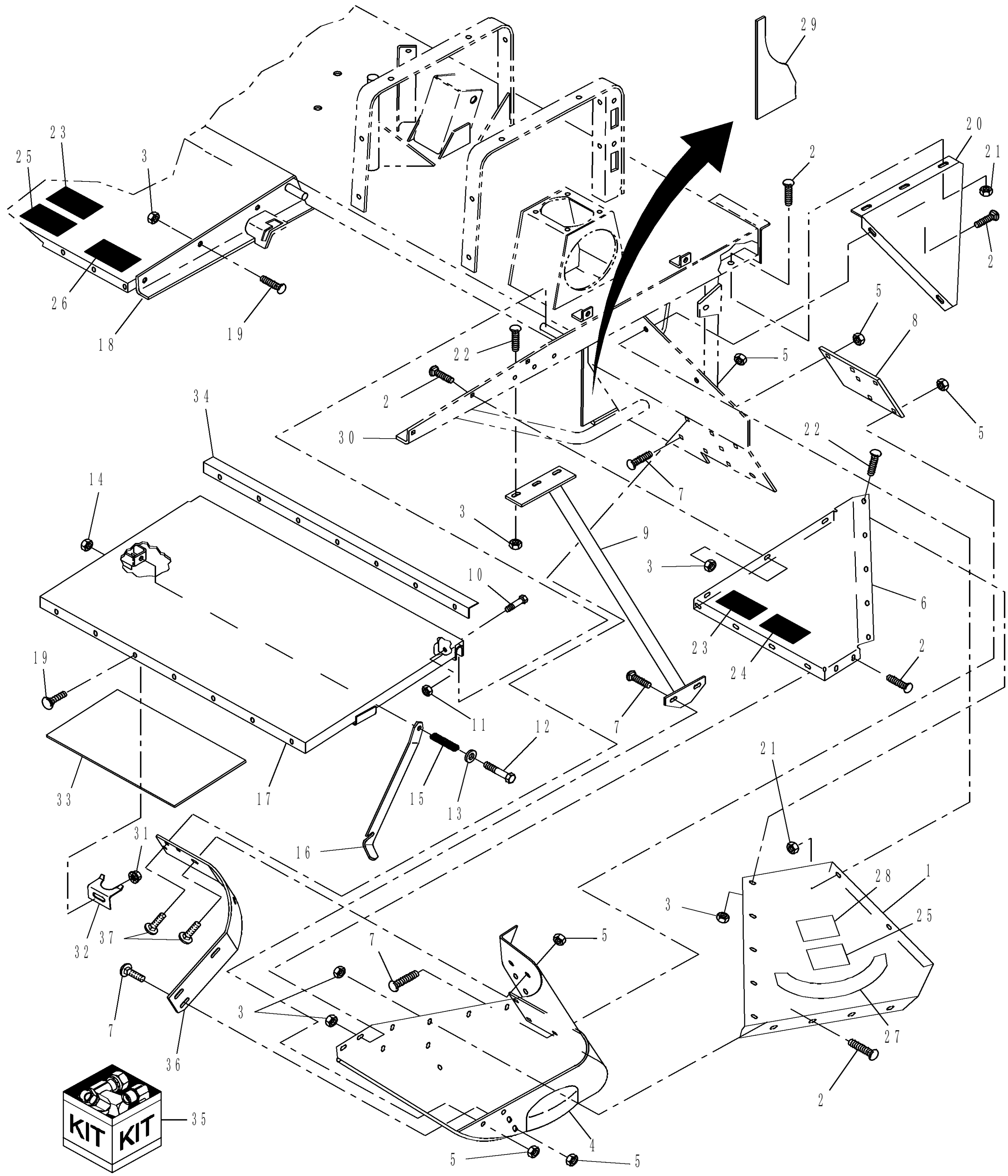
SHIELDING, LEFT SIDE

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86573400		1	TOP COVER LH - Includes: Ref. 25, 27 & 28
1		87047998		1	SHEET LH, Includes: Ref. 25, 27 & 28
2		280497		14	CARRIAGE BOLT Short Sq Nk, 5/16" - 18 x 3/4", Gr 5, Full Thd
3		9823743		23	FLANGE NUT Flg, 5/16" - 18
4	1	86627890		1	SHEET Side, LH
4		87047995		1	SHEET Side, LH
5		86521606		8	FLANGE NUT Hex, 3/8" - 16, Gr 5
6		86603251		1	SUPPORT LH - Includes: Ref. 23 & 24
7		88682		8	CARRIAGE BOLT Short Nk, 3/8" - 16 x 1", Gr 5
8		86526392		1	PLATE
9		86526022		1	PIPE
10		280112		2	BOLT Hex, 1/4" - 20 x 1-1/2", Gr 5
11		9626558		2	FLANGE NUT Flg, 1/4" - 20
12		88444		1	BOLT Hex, 3/8" - 16 x 2-3/4", Gr 5
13		80702		1	WASHER 0.44" ID x 1" OD x 0.08" Thk
14		86521609		1	FLANGE NUT Flg, 3/8" - 16
15		86628837		1	SPRING Compression, 23mm OD x 57.15mm L
16		86526613		1	LATCH
17		86626542		1	HOOD
18		86626535		1	COVER Bolt On - Includes: Ref. 23, 25 & 26
19		280327		AR	CARRIAGE BOLT Sq Nk, 5/16" - 18 x 3/4", Gr 5, Full Thd
20		86627886		1	BRACKET
21		86521605		23	FLANGE NUT 5/16" - 18, Gr 5
22		88992		9	CARRIAGE BOLT Short Sq Nk, 5/16" - 18 x 1", Gr 5
23		86611825		2	WARNING DECAL No Step - English

(1) When upgrading to ASN Shield, You Must Also Change to ASN Ref 1 & 36

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SHIELDING, LEFT SIDE



SHIELDING, LEFT SIDE

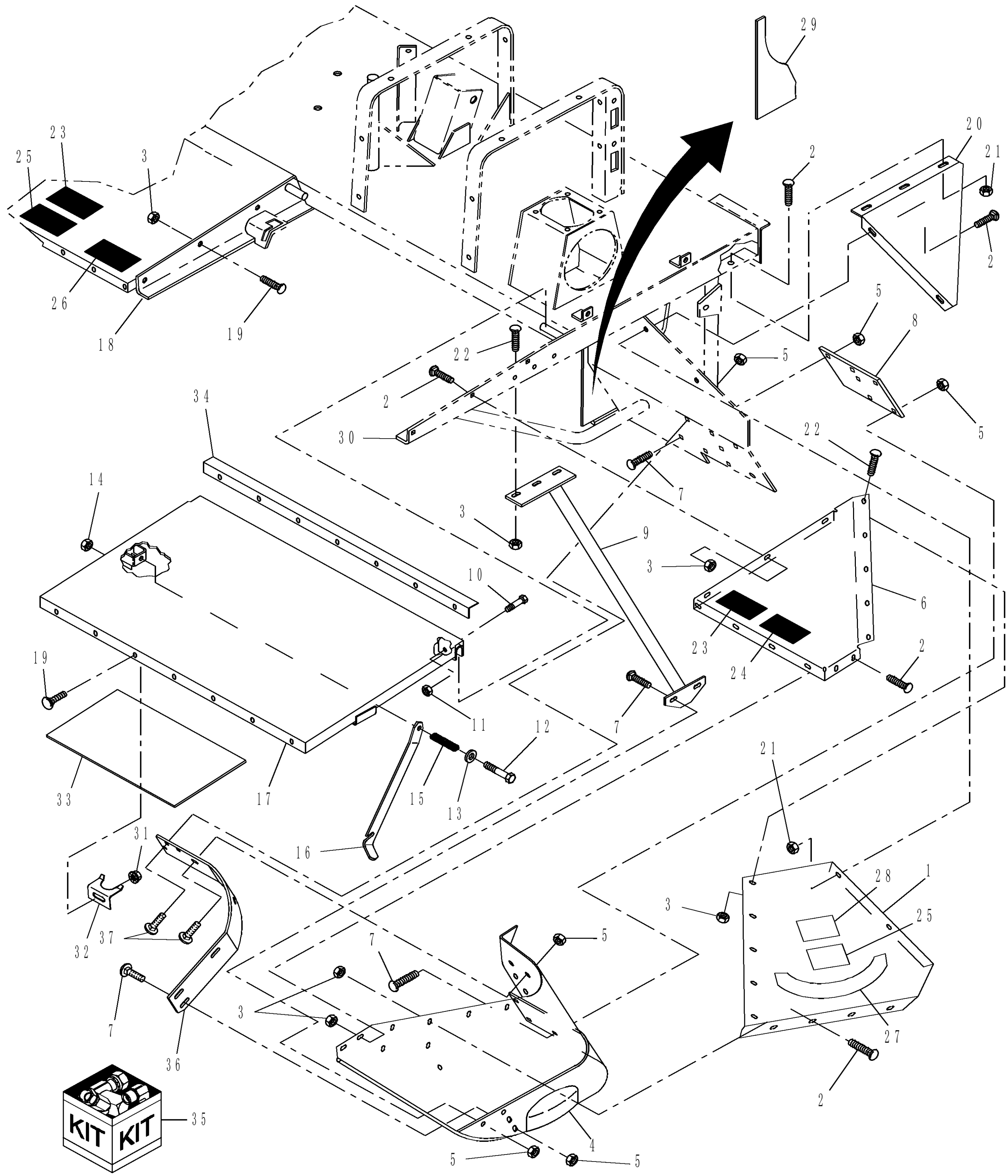
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
23		86614084		2	WARNING DECAL No Step - French
24		86624775		1	WARNING DECAL Machine Can Throw Stones - English
24		86625172		1	WARNING DECAL Machine Can Throw Stones - French
24		86625173		1	WARNING DECAL Machine Can throw Stones - Spanish
25		86628571		1	WARNING DECAL Stand Clear, English
25		86629518		1	WARNING DECAL Stand Clear - French
25		9804253		1	DECAL WARNING - Stand Clear - Spanish
26		86539557		2	DECAL WARNING-CLOSE SHIELD PRIOR
26		86542009		2	DECAL CAUTION - Close Shield Prior To - Spanish
27		80772110		1	WARNING DECAL Knife Tip Path - English
27		791403		1	WARNING DECAL Knife Tip Path - French
28		86622073		1	WARNING DECAL English
28		86622074		1	WARNING DECAL WARNING, French
28		9801258		1	DECAL CAUTION - Before Operating this Machine - Spanish
29		86500051		AR	DEFLECTOR (Welding Required)
30		86522460		AR	ANGLE (Welding Required)
31		145458		AR	SERRATED NUT 5/16" - 18 Gr 5 ZND
32	1	86582727		3	CLIP
33	1	86582725		1	LINER Stone Guard
34	1	86582730		AR	ANGLE (Welding Required)
35	2	86627209		AR	KIT Stone Guard, Includes: Ref. 19, 31, 32, 33, & 34
36		86567290		1	SUPPORT
36		87399534		1	SUPPORT

(1) **ASN 657983**

(2) **For BSN 657933 Units To Install Stone Guards**

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SHIELDING, LEFT SIDE

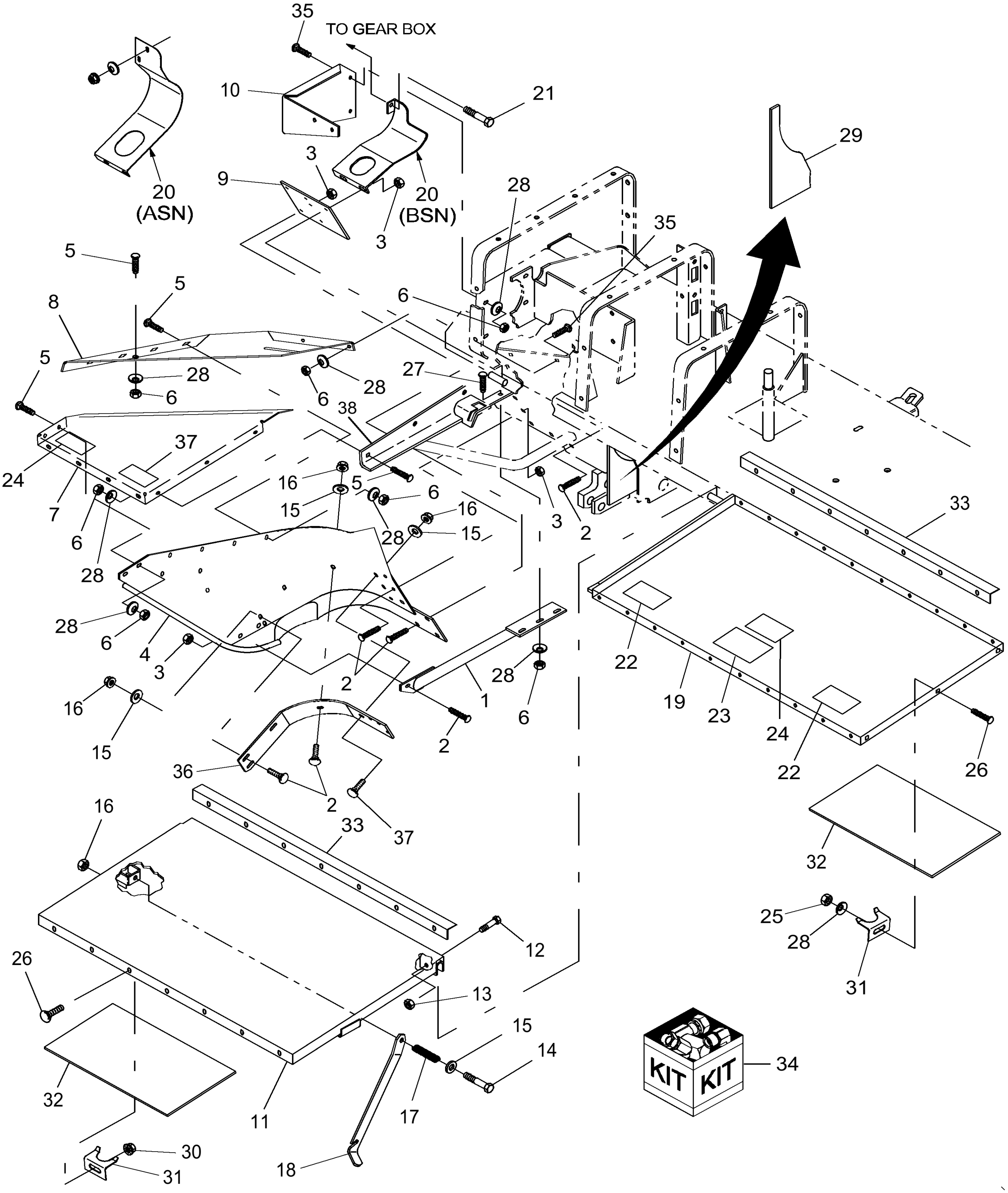


SHIELDING, LEFT SIDE

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
37		86508773		3	CARRIAGE BOLT Sq Nk, 3/8" - 16 x 1 1/4", Gr 5, Full Thd

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SHIELDING, RIGHT SIDE



SHIELDING, RIGHT SIDE

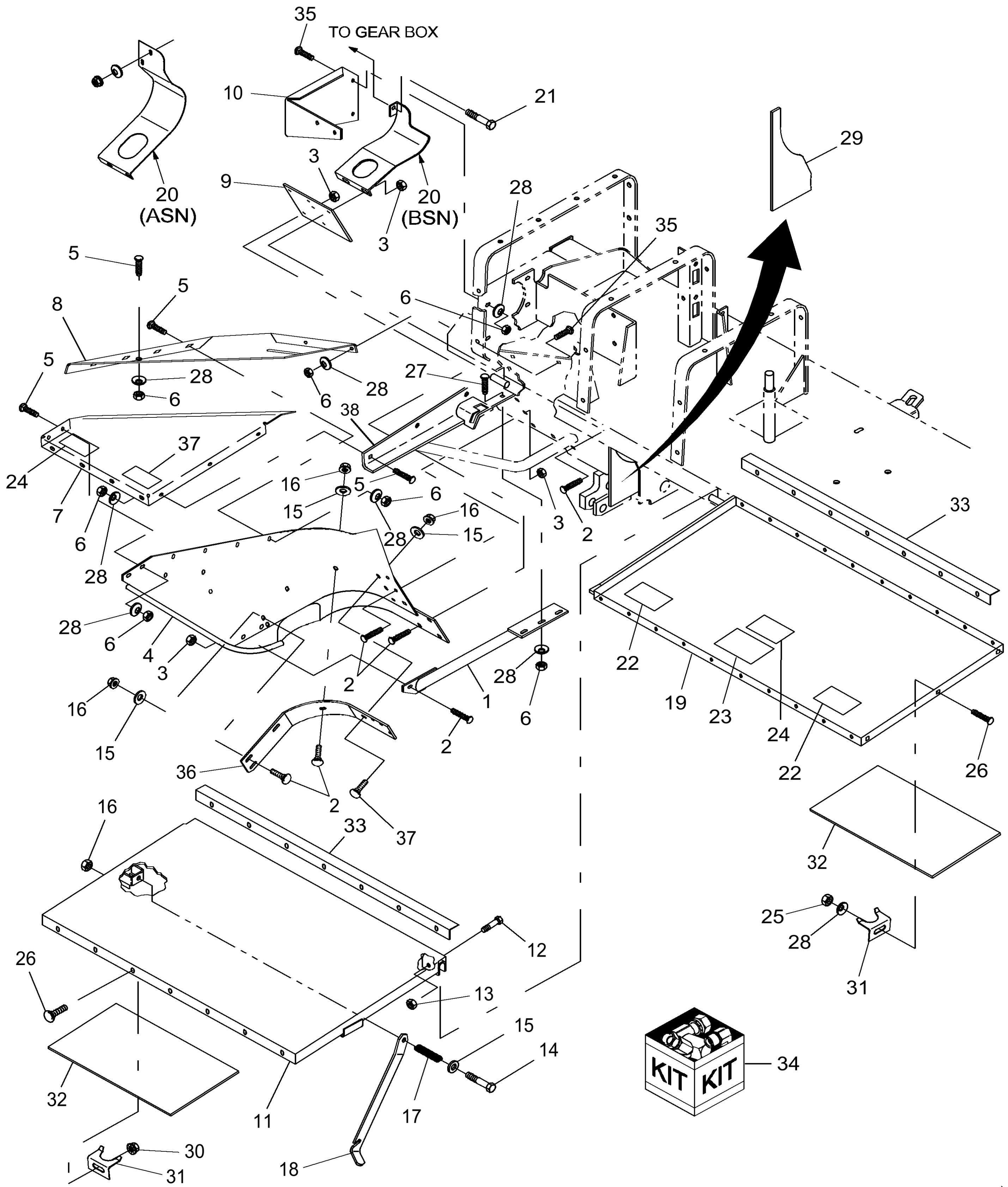
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86526022		1	PIPE
2		88682		10	CARRIAGE BOLT Short Nk, 3/8" - 16 x 1", Gr 5
3		86521606		10	FLANGE NUT Hex, 3/8" - 16, Gr 5
4		87535095		1	SHEET Side, RH
4		87047996		1	SHEET Side, RH
5		280497		15	CARRIAGE BOLT Short Sq Nk, 5/16" - 18 x 3/4", Gr 5, Full Thd
6		86521605		24	FLANGE NUT 5/16" - 18, Gr 5
7		86603252		1	SUPPORT RH, Includes Ref 24 & 37
8		86573399		1	TOP COVER RH
8		87050999		1	SHEET Top, RH
9		86526392		1	PLATE
10		86627852		1	SHIELD
11		86626542		1	HOOD
12		280112		2	BOLT Hex, 1/4" - 20 x 1-1/2", Gr 5
13		9626558		2	FLANGE NUT Flg, 1/4" - 20
14		88444		1	BOLT Hex, 3/8" - 16 x 2-3/4", Gr 5
15		80702		1	WASHER 0.44" ID x 1" OD x 0.08" Thk
16		86521609		1	FLANGE NUT Flg, 3/8" - 16
17		86628837		1	SPRING Compression, 23mm OD x 57.15mm L
18		86526613		1	LATCH
19		86626535		1	COVER Includes: Ref. 22, 23 & 24
20	1	86554015		1	SHIELD
20	2	86581015		1	SHIELD
21	1	86521552		1	BOLT Hex, 5/16" - 18 x 3/4", Gr 5
22		86539557		2	DECAL WARNING-CLOSE SHIELD PRIOR
23		86628571		1	WARNING DECAL Stand Clear, English
23		86629518		1	WARNING DECAL Stand Clear - French
23		86629519		1	WARNING DECAL Stand Clear - Spanish

(1) **BSN 650209**

(2) **ASN 650209**

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SHIELDING, RIGHT SIDE



SHIELDING, RIGHT SIDE

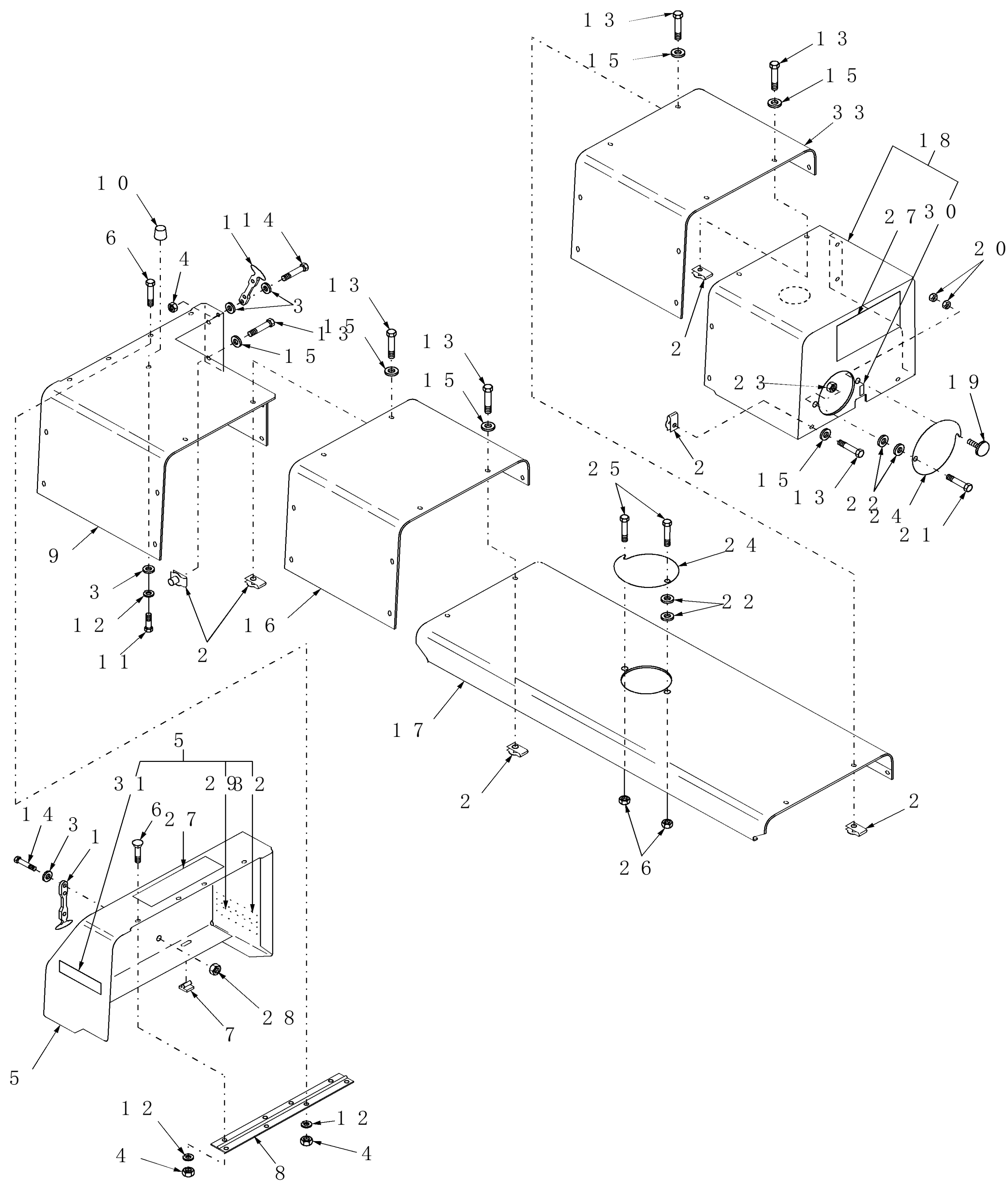
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
24		86611825		1	WARNING DECAL No Step - English
25		9823743		6	FLANGE NUT Flg, 5/16" - 18
26		280327		AR	CARRIAGE BOLT Sq Nk, 5/16" - 18 x 3/4", Gr 5, Full Thd
27		88992		4	CARRIAGE BOLT Short Sq Nk, 5/16" - 18 x 1", Gr 5
28		80681		30	LOCK WASHER 5/16" ID x 19/32" OD x 1/8" Thk
29		86500051		1	DEFLECTOR (Welding Required)
30		145458		AR	SERRATED NUT 5/16" - 18 Gr 5 ZND
31	1	86582727		5	CLIP
32	1	86582725		2	LINER Stone Guard
33	1	86582730		AR	ANGLE (Welding Required)
34	2	86627209		AR	KIT Stone Guard, Includes: Ref's 26, 30, 31, 32 & 33
35		86521552		4	BOLT Hex, 5/16" - 18 x 3/4", Gr 5
36		87399537		1	SUPPORT
37		86624775		1	WARNING DECAL ------throws stones------
38		86500140		AR	ANGLE

(1) ASN 657983

(2) For BSN 657933 Units To Install Stone Guards

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TOP SHIELDING



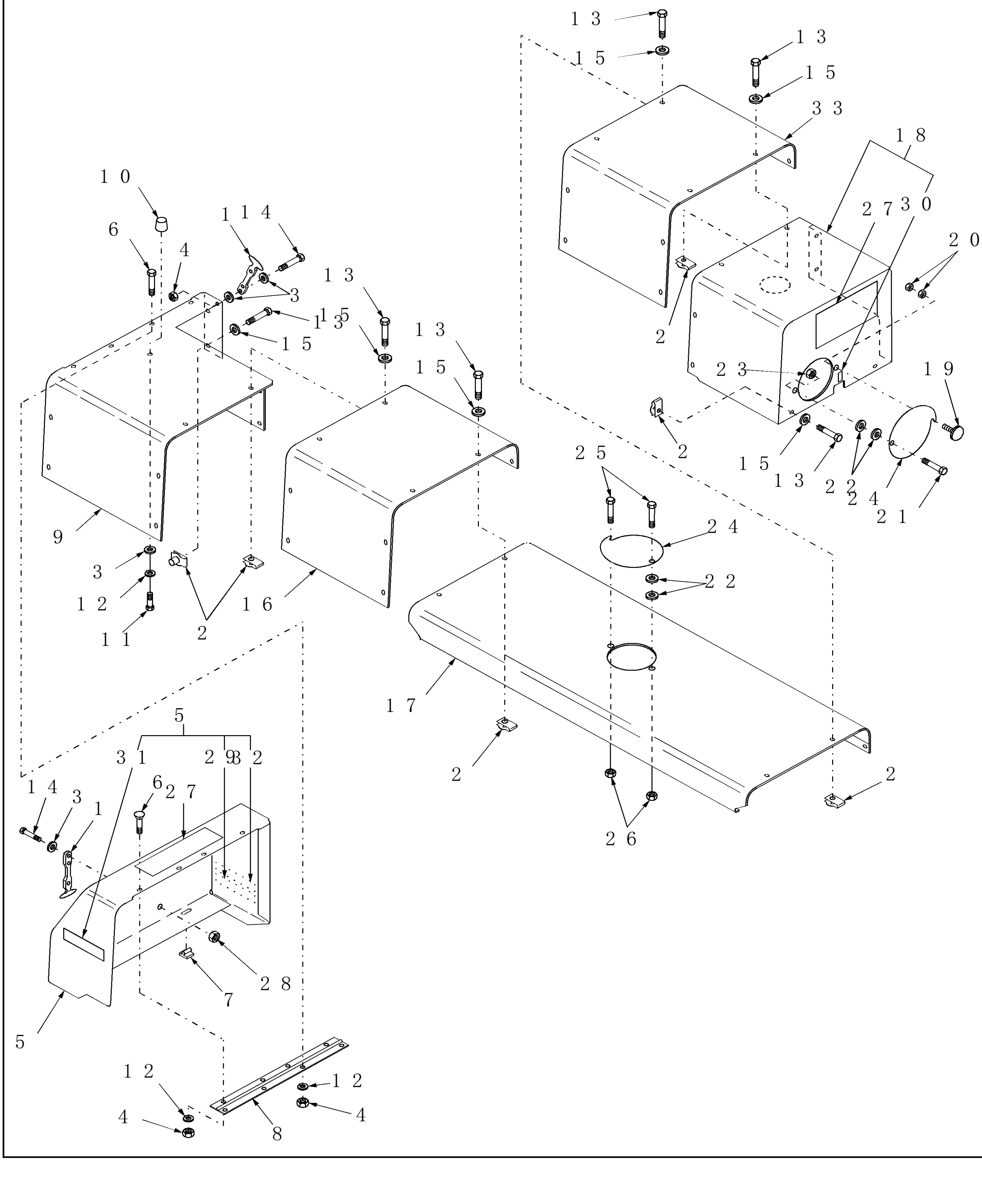
TOP SHIELDING

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	86000448		AR	LATCH Rubber
2		86539811		29	SPRING NUT Speed, 3/8"-16
3	2	80701		AR	WASHER 0.31" ID x 0.73" OD x 0.07" Thk
4		523282		8	SERRATED NUT Flg, USR, 1/4" - 20
5	3	86522474		1	COVER RH, Without Decals
5	3	86574461		1	COVER RH, Includes: Decals, Ref. 29, 31 & 32
5	4	86581538		1	COVER RH, Includes: Decals, Ref. 29, 31 & 32
6		280638		8	CARRIAGE BOLT Short NK, 1/4"-20 x 3/4", G5, Full Thd
7		216328		2	BUMPER
8	3	86526598		1	HINGE RH, Shield
8	4	86586942		1	HINGE RH, Shield
9	3	86532627		1	SHIELD RH
9	4	86586943		1	COVER RH
10		224985		1	BUMPER
11		88542		1	BOLT Hex, 1/4"-20 x 1/2", Gr 5
12		322357		9	BELLEVILLE WASHER M6 Bolt Size x 14mm OD x 1.3mm Thk
13		86521613		29	BOLT Hex, 3/8" - 16 x 1", Gr 5
14	5	86544366		A/R	BOLT Hex, 1/4" - 20 x 1", Gr 5
15		140045		29	BELLEVILLE WASHER 10mm ID x 22mm OD x 1.6mm Thk
16	6	86524155		1	SHIELD RH
16	7	87534575		1	SHIELD RH

(1) **(2) BSN 650203, (1) ASN 650204**
(2) **(3) BSN 650203, (7) ASN 650204**
(3) **BSN 650209**
(4) **ASN 650209**
(5) **(3) BSN 650203, (2) ASN 650204**
(6) **BSN 657934**
(7) **ASN 657983**

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TOP SHIELDING



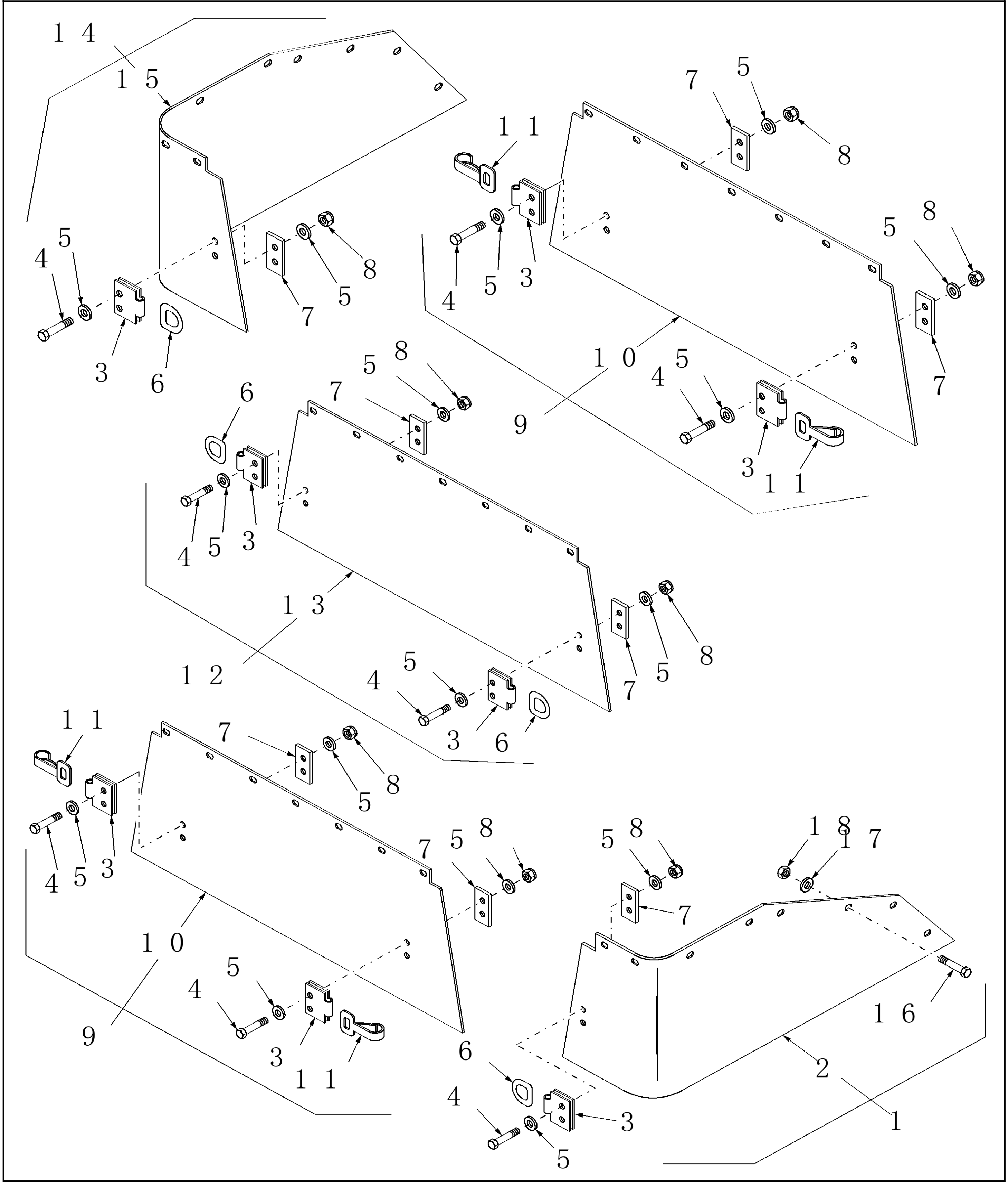
TOP SHIELDING

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
17	1	86524157		1	SHIELD Center Top, (1470.6mm L)
17	2	86627224		1	SHIELD Center Top, (1570.6mm L)
18		86581378		1	SHIELD Includes: Ref. 30
19	3	235167		1	KNOB
19	4	9628510		1	BOLT Hex, 3/8" - 16 x 3/4", Gr 5
20	3	9628503		2	NUT 3/8" - 16, Gr 5 Used W/Ref. 19, 235167 Knob
21		9628510		1	BOLT Hex, 3/8" - 16 x 3/4", Gr 5
22		215588		4	WASHER Nylon, 3/8"
23		86521609		1	FLANGE NUT Flg, 3/8" - 16
24		86629815		2	DOOR
25		86521552		2	BOLT Hex, 5/16" - 18 x 3/4", Gr 5
26		9626645		2	NUT Speed, 5/16"-18
27		86605508		2	DECAL 1431
28		9626558		2	FLANGE NUT Flg, 1/4" - 20
29		86547783		1	REFLECTOR Tape, Red Orange Red/ Orange, Reflector Tape
30		165109		1	DECAL Lube Fitting
31		86547782		1	DECAL Tape, Yellow Reflective Yellow, Retroreflective Tape
32		86547781		1	REFLECTOR RED Red, Retroreflective Tape
33	1	86524155		1	SHIELD LH
33	2	87534573		1	SHIELD LH

(1) **BSN 657934**
(2) **ASN 657983**
(3) **BSN 650209**
(4) **ASN 650209**

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SKIRTS, FRONT



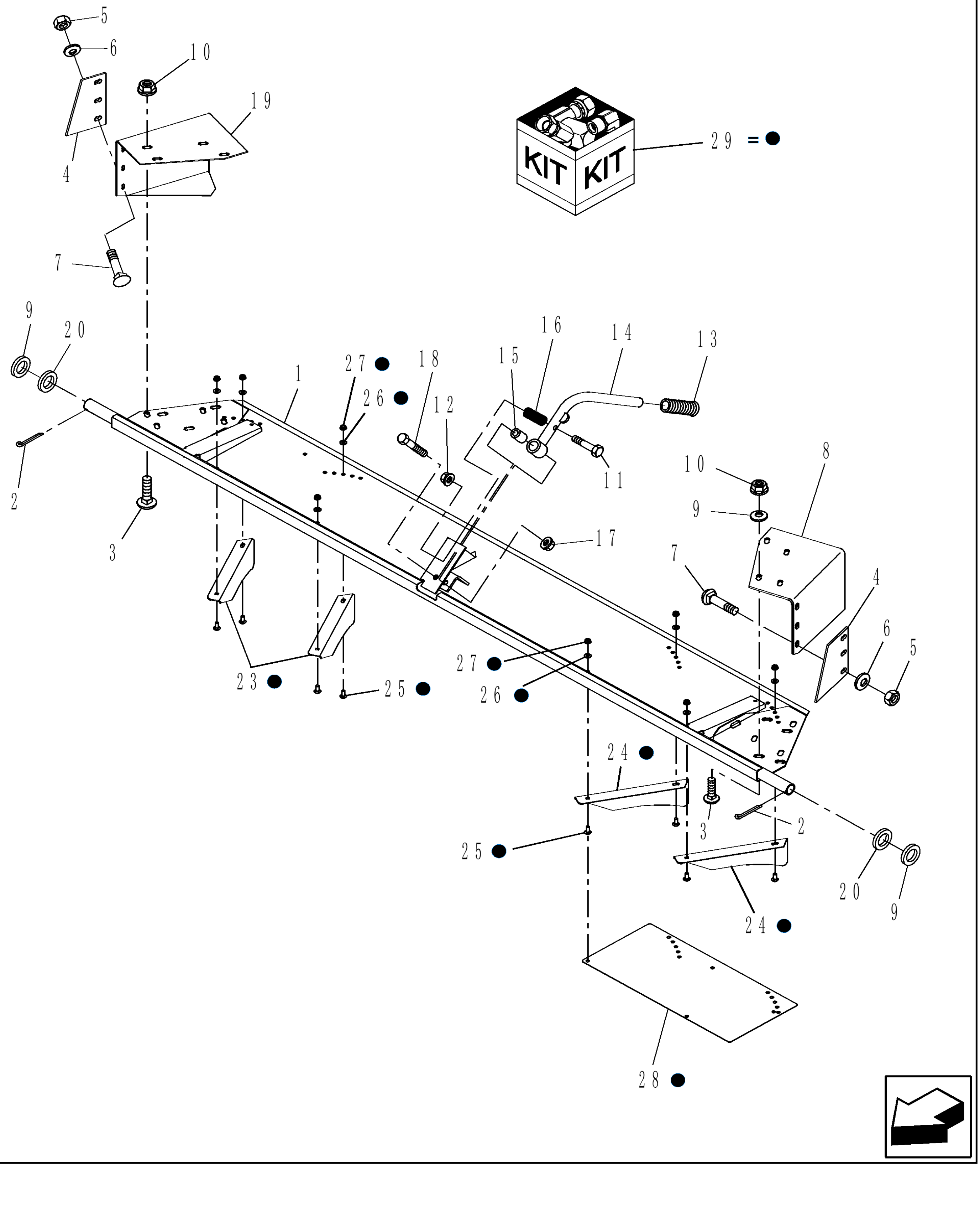
SKIRTS, FRONT

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86522267		1	SKIRT LH, Includes: Ref. 2 - 8
2		NSS		1	NOT SOLD SEPARAT Skirt
3		9604627		8	STRAP
4		9707580		16	BOLT Hex, 1/4" - 20 x 3/4", Gr 5, Full Thd
5		87361		32	WASHER 0.28" ID x 0.62" OD x 0.07" Thk
6		9604626		4	RING
7		9604628		8	STRAP Backup
8		280129		16	NUT 1/4"-20
9		86522272		2	PROTECTING COVER Hood, Includes: Ref. 3 - 5, 7, 8, 10, & 11
10		NSS		2	NOT SOLD SEPARAT Skirt
11		9604631		4	SPRING CLIP Snap
12		86522269		1	RUBBER Center. Includes: Ref. 3 - 8, & 13
13		NSS		1	NOT SOLD SEPARAT Skirt
14		86522266		1	RUBBER RH, Includes: Ref. 3 - 8, & 15
15		NSS		1	NOT SOLD SEPARAT Skirt
16		280327		38	CARRIAGE BOLT Sq Nk, 5/16" - 18 x 3/4", Gr 5, Full Thd
17		577826		38	WASHER 5/16" SAE
18		145458		38	SERRATED NUT 5/16" - 18 Gr 5 ZND

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SWATHGATE

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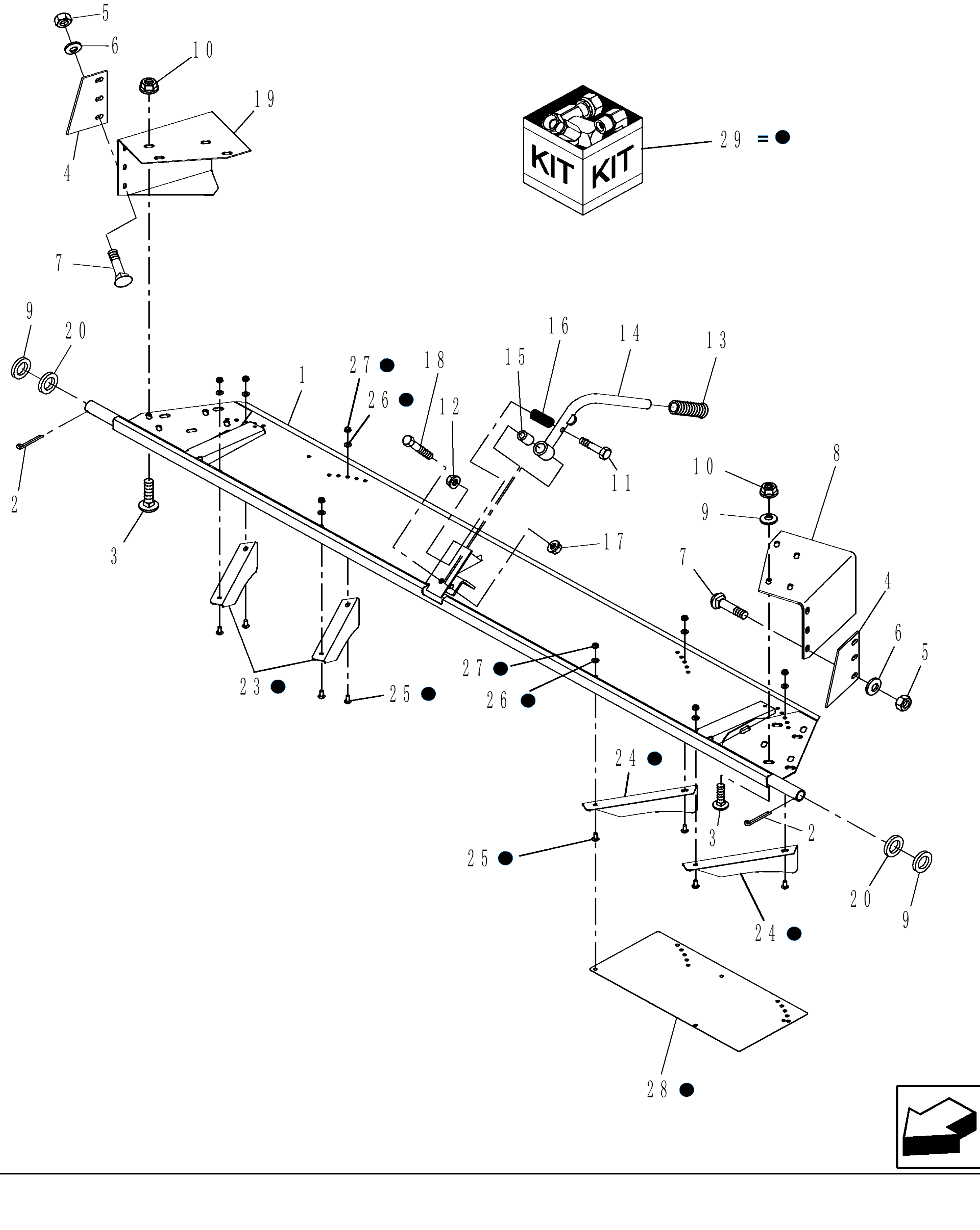
SWATHGATE

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86639651		1	DEFLECTOR Swathgate
2		87399		2	COTTER PIN 3/16" OD x 1-3/4" L
3		86508748		8	CARRIAGE BOLT Short Square Neck, 3/8" - 16 x 3/4", Gr 5
4		86506232		2	DEFLECTOR
5		7770		6	NUT Hex, 1/4 - 20, Gr 5
6		322357		6	BELLEVILLE WASHER M6 Bolt Size x 14mm OD x 1.3mm Thk
7		88832		6	CARRIAGE BOLT Sq Nk, 1/4" - 20 x 3/4", Gr 5, Full Thd
8		86522653		1	DEFLECTOR LH
9		214539		AR	WASHER 34.9mm ID x 50.8mm OD x 0.51mm Thk
10		86521606		8	FLANGE NUT Hex, 3/8" - 16, Gr 5
11		9637417		1	BOLT Hex, 1/2" - 13 x 3-1/2", Gr 5
12		86521610		1	FLANGE NUT Flg, 1/2" - 13
13		185350		1	HANDLE GRIP
14		86639636		1	HANDLE
15		285505		1	SPACER
16		86628837		1	SPRING Compression, 23mm OD x 57.15mm L
17		86521607		1	FLANGE NUT Flg, 1/2" - 13, Gr 5
18		86521618		1	BOLT Hex, 1/2" - 13 x 2-1/2", Gr 5
19		86522652		1	DEFLECTOR RH
20		9800957		AR	WASHER 35.81mm ID x 50.8mm OD x 1.52mm Thk
23		86606982		2	FIN RH
24		86606983		2	FIN LH
25		280497		8	CARRIAGE BOLT Short Sq Nk, 5/16" - 18 x 3/4", Gr 5, Full Thd
26		322358		8	BELLEVILLE WASHER M8 Bolt Size x 18mm OD x 1.4mm Thk
27		86521605		8	FLANGE NUT 5/16" - 18, Gr 5
28		NSS		0	NOT SOLD SEPARAT Template

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SWATHGATE

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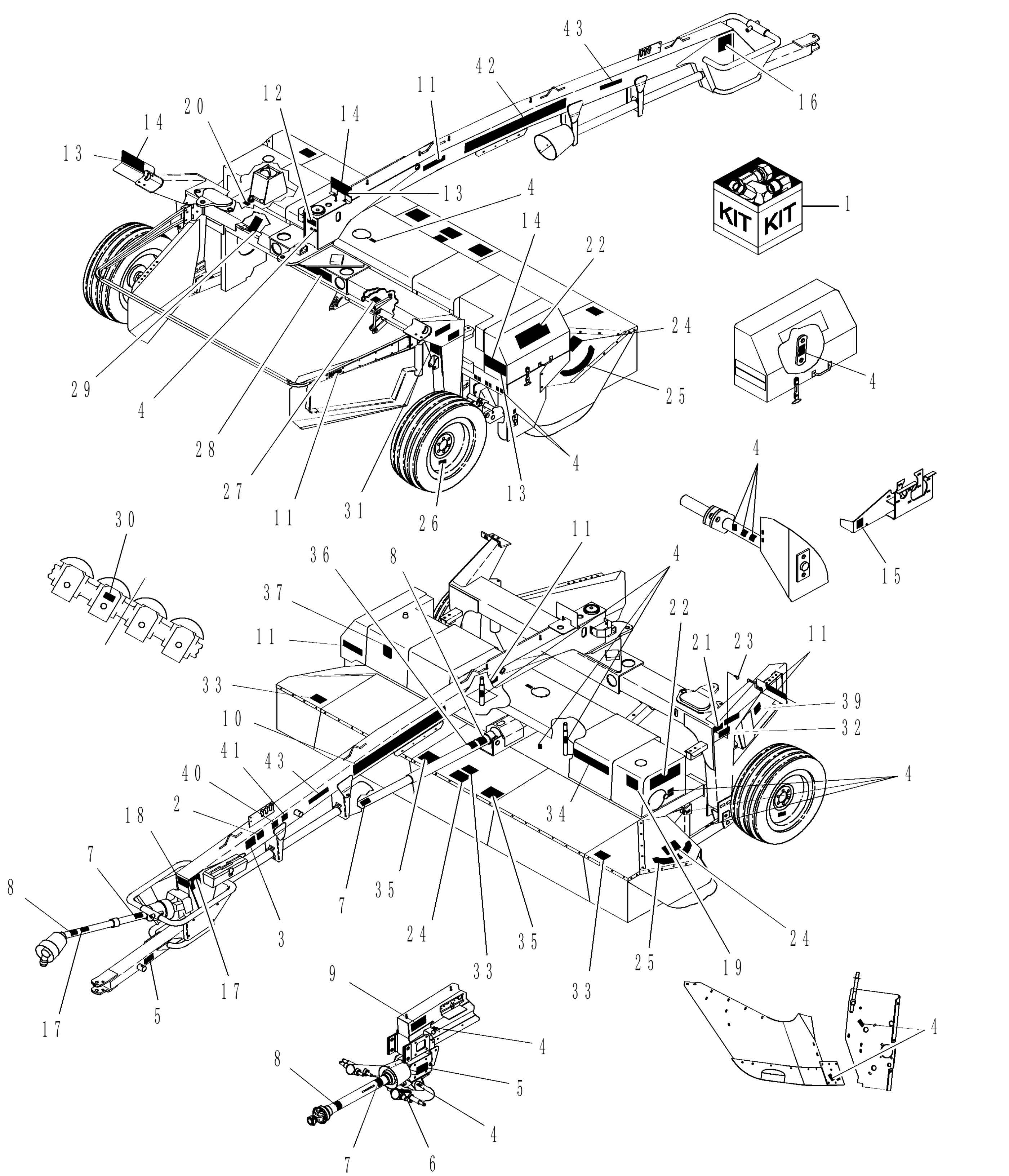


SWATHGATE

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
29		84267895		1 KIT	Swathgate Fins, Includes Instructions

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DECALS, STANDARD & SWIVEL TONGUE MODELS



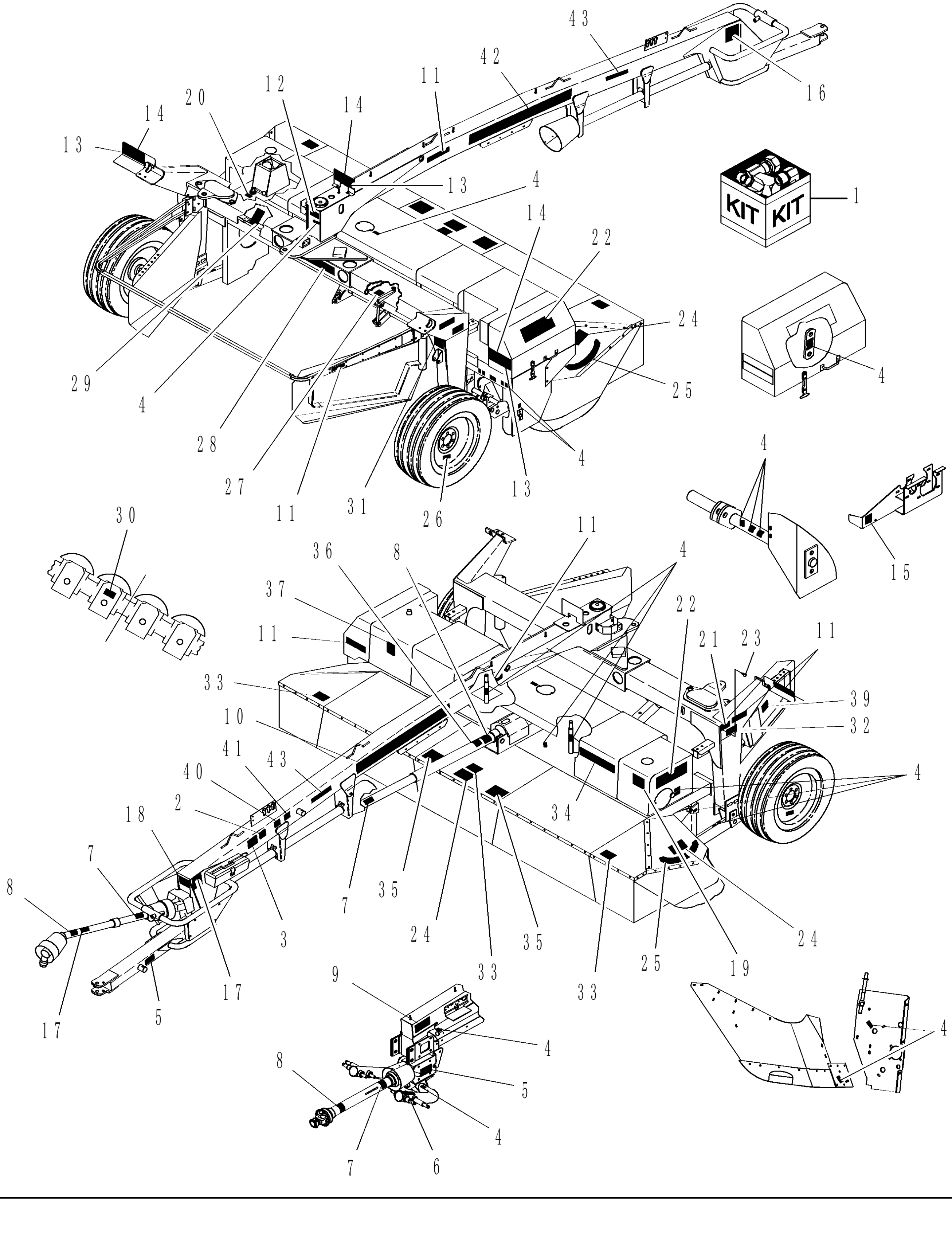
DECALS, STANDARD & SWIVEL TONGUE MODELS

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	86605513		AR	DECAL KIT English. Includes: Ref. 2 - 18, 20, 22 - 36, 38, & 42
1	2	87049548		AR	DECAL KIT English. Includes: Ref. 2 - 18, 20, 22 - 36, & 38 - 42
2		86624775		1	WARNING DECAL Machine Can Throw Stones - English
2		86625172		1	WARNING DECAL Machine Can Throw Stones - French
2		86625173		1	WARNING DECAL Machine Can throw Stones - Spanish
3		86622073		1	WARNING DECAL
3		86622074		1	WARNING DECAL WARNING, French
3		9801258		1	DECAL CAUTION,Spanish
4	3	165109		24	DECAL Lube Fitting
5		86536919		1	DECAL ATTENTION, English
5		86536920		1	DECAL ATTENTION, French
5		86536921		1	DECAL ATTENTION, Spanish
6		86555717		1	DECAL ATTENTION, 3PT, English
6		86559763		1	DECAL ATTENTION, 3PT, French
6		86559764		1	DECAL ATTENTION, 3PT, Spanish
7		849472		2	DANGER DECAL Shield Missing, English
7		849483		2	DANGER DECAL French
7		9801256		2	DANGER DECAL DANGER, Spanish
8		849471		2	DANGER DECAL English
8		849482		2	DANGER DECAL French
8		9801260		2	DANGER DECAL Rotating Driveline - Spanish
9	4	86555718		1	DECAL ATTENTION Chain Adj., English
9		86559765		1	DECAL ATTENTION Chain Adj., French

(1) **Prior To PIN 1191100**
(2) **From PIN 1191100**
(3) **Sign Set Qty. - Some Decals Used On 1432**
(4) **Use On Swivel Tongue Models, Two Point Hitch**

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DECALS, STANDARD & SWIVEL TONGUE MODELS



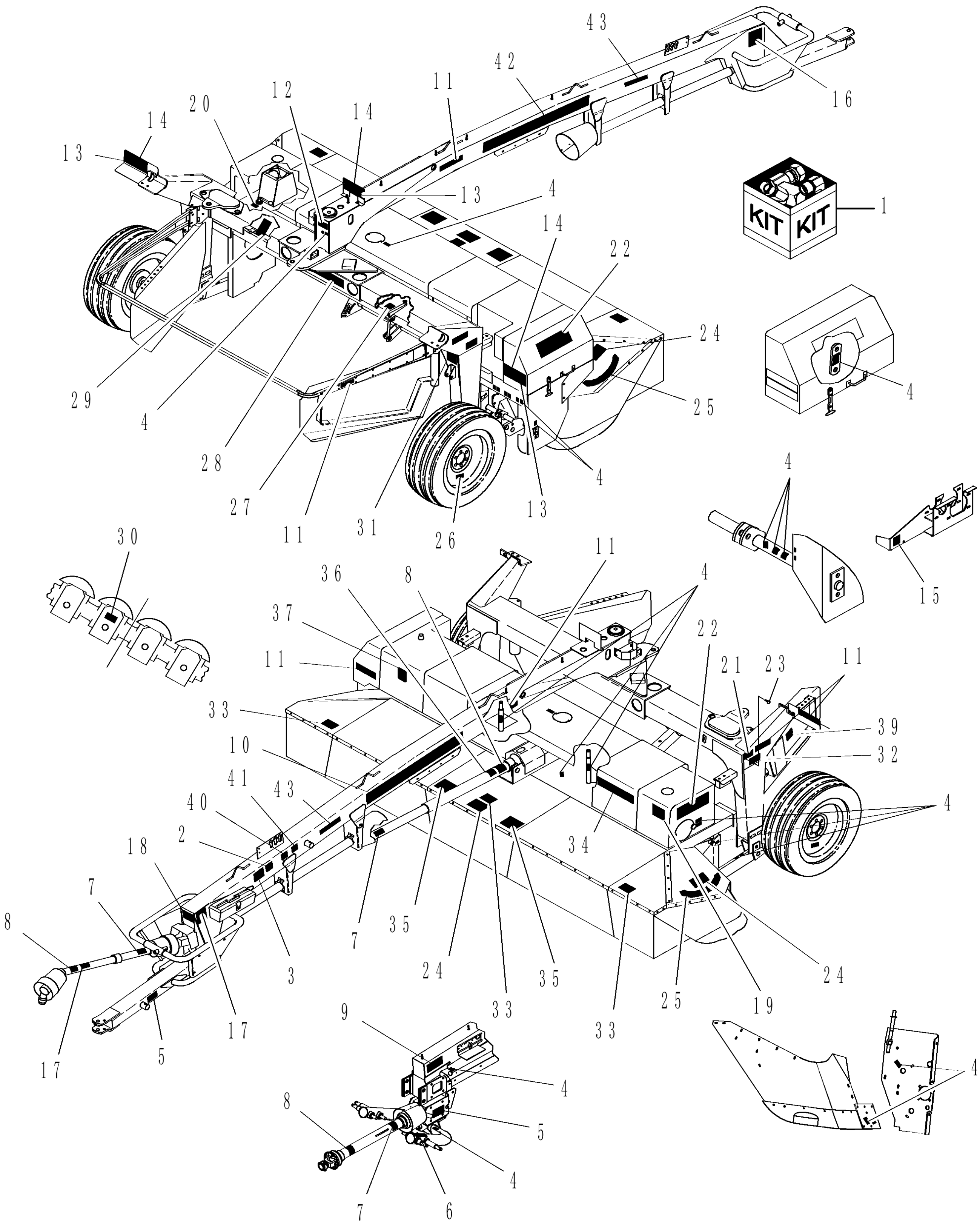
DECALS, STANDARD & SWIVEL TONGUE MODELS

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
9		86559766		1	DECAL ATTENTION Chain Adj., Spanish
9	1	86604332		1	DECAL ATTENTION DRAWBAR HITCH
10	2	86604544		1	DECAL NEW HOLLAND, 48", Bright Yellow, Bright Yellow
10	3	87047097		1	DECAL NEW HOLLAND, "Swoosh", LH
11	4	86547782		8	DECAL Tape, Yellow Reflective Yellow, Retroreflective
12		770033		1	WARNING DECAL English
12		782380		1	WARNING DECAL French
12		86539342		1	DECAL WARNING, Spanish
13		86547783		3	REFLECTOR Tape, Red Orange Tape, Red-Orange, Fluorescent
14		86547781		3	REFLECTOR RED Tape, Red, Retroreflective
15	5	86579362		1	DECAL Spring Length
15		86599243		1	DECAL Spring Length
16		86539556		1	DECAL ATTENTION, English, Use on Standard Tongue Models
16		86542008		1	DECAL ATTENTION, French
16		86542007		1	DECAL ATTENTION, Spanish
17		86536635		2	DECAL Lubrication, English, Kit Qty = 1
17		86536956		2	IDEOGRAM Lubrication, French
17		86536953		2	DECAL Lubrication, Spanish
18		86539555		1	DECAL ATTENTION, English, Use on Standard Tongue Models
19	6	132942		1	DECAL Amber
20	5	86580849		1	DECAL Conditioning

(1) **Use On Swivel Tongue Models, Drawbar Hitch**
(2) **Prior To PIN 1191100**
(3) **From PIN 1191100**
(4) **Sign Set Qty. - Some Decals Used On 1432**
(5) **Part Of Sign Set - Not Used On 1431**
(6) **Not Included In Kit**

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DECALS, STANDARD & SWIVEL TONGUE MODELS



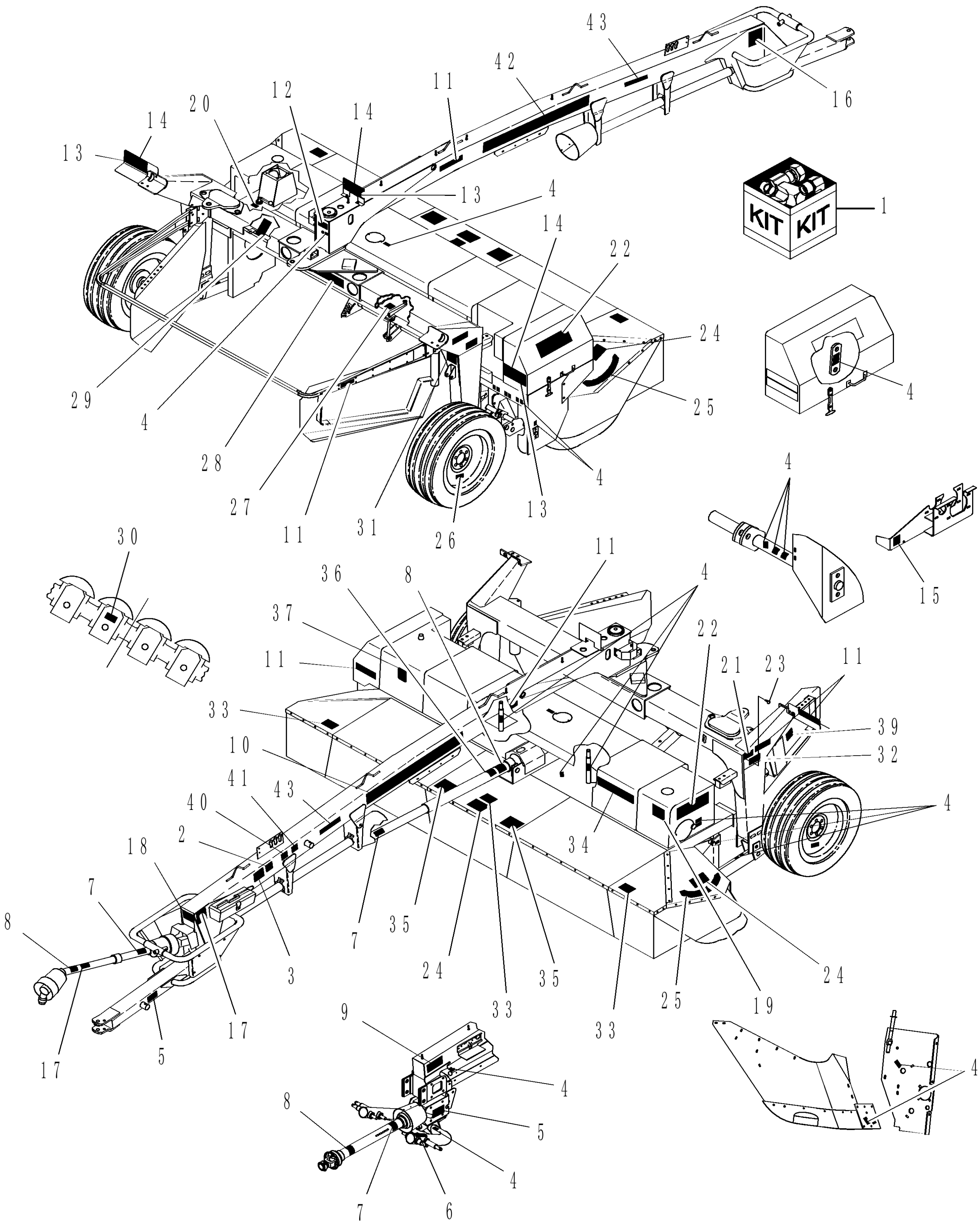
DECALS, STANDARD & SWIVEL TONGUE MODELS

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
21		NS		1	NOT SERVICED Serial Plate
22	1	86605508		2	DECAL NEW HOLLAND 1431, Bright Yellow
22	2	87049528		2	DECAL 1431, White Letters On Black Background
23		86598785		2	SELF-TAP SCREW Rd Hd, Stainless Steel, #4 x 1/4"
24		86628571		3	WARNING DECAL Stand Clear, English
24		86629518		3	WARNING DECAL Stand Clear - French
24		9804253		3	DECAL WARNING, Spanish
25		80772110		2	WARNING DECAL Knife Tip Path - English
25		791403		2	WARNING DECAL Knife Tip Path - French
25		86528619		2	WARNING DECAL Knife Tip Path - Spanish
26		183155		2	DECAL Torque, English
26		602232		2	DECAL Torque, French
26		9804237		2	DECAL Torque, Spanish
27		195096		1	DECAL Roll Pressure, English
27		601613		1	DECAL Roll Pressure, French
27		86528618		1	DECAL Roll Pressure, Spanish
28	3	86521471		1	DECAL NEW HOLLAND, 3" x 20", Old Ag. Yellow
28	4	86598674		1	DECAL NEW HOLLAND, 3" x 20", Bright Yellow
28	2	87045438		1	DECAL NEW HOLLAND, 113 mm x 533 mm, White
29		86554041		1	DECAL Operation
30		166127		1	DECAL ATTENTION, English

(1) **Prior To PIN 1191100**
(2) **From PIN 1191100**
(3) **BSN 650209**
(4) **BWTN SN 650209 & PIN 1191100**

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DECALS, STANDARD & SWIVEL TONGUE MODELS



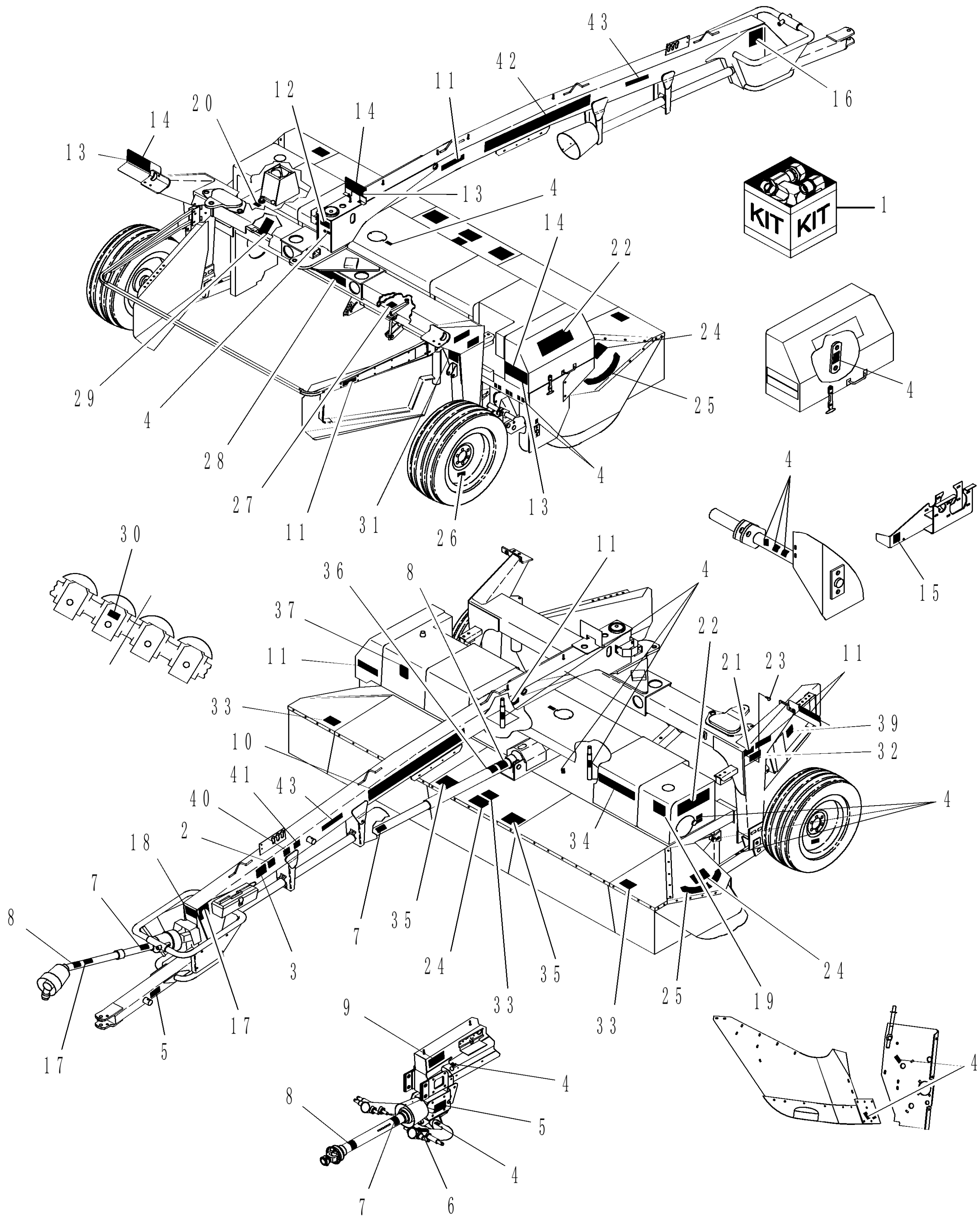
DECALS, STANDARD & SWIVEL TONGUE MODELS

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
30		601662		1	DECAL ATTENTION, French
30		9804246		1	DECAL ATTENTION, Spanish
31		9617896		2	DECAL RED
32		86624774		2	DANGER DECAL Header May Fall Rapidly - English
32		86625174		2	DANGER DECAL DANGER, French
32		9804248		2	DECAL DANGER, Spanish
33		86611825		3	WARNING DECAL No Step - English
33		86614084		3	WARNING DECAL No Step - French
33		86624655		3	WARNING DECAL No Step - Spanish
34	1	86523070		1	DECAL DISCBINE®, Ag Yellow
34	2	86604889		1	DECAL DISCBINE®, Bright Yellow
35		86539557		2	DECAL WARNING-CLOSE SHIELD PRIOR
35		86542010		2	DECAL WARNING-CLOSE SHIELD PRIOR, French
35		86542009		2	DECAL WARNING-CLOSE SHIELD PRIOR, Spanish
36		86593134		1	DECAL LUBE, English
36		86593136		1	DECAL LUBE, French
36		86593135		1	DECAL LUBE, Spanish
37	3,4	86520543		1	DECAL Logo, Leaf
37	3,5	87045445		1	DECAL Discbine, White
38	6	86605697		1	DECAL TORQUE (Not Shown)
39	5	87033327		1	DECAL Leaf, Red
40	5	87041060		1	WARNING DECAL Transport/Roading, English
40	5	87042011		1	WARNING DECAL WARNING, Transport/Roading, French

(1) BSN 650209
(2) ASN 650209
(3) Not Included In Kit
(4) Prior To PIN 1191100
(5) From PIN 1191100
(6) Part of Kit, Ref. 1, Used on Hitch Assy.

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DECALS, STANDARD & SWIVEL TONGUE MODELS



DECALS, STANDARD & SWIVEL TONGUE MODELS

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
40	1	87042012		1	WARNING DECAL WARNING, Transport/Roading, Spanish
41	1	87049205		1	WARNING DECAL PTO Shielding, English
41	1	87053157		1	DECAL WARNING, PTO Shielding, French
41	1	87053158		1	DECAL WARNING, PTO Shielding, Spanish
42	2	86604544		1	DECAL NEW HOLLAND, 48", Bright Yellow, Bright Yellow
42	1	87047098		1	DECAL NEW HOLLAND, "Swoosh", RH
43	3	86547782		2	DECAL Tape, Yellow Reflective Yellow, Retroreflective

(1) **From PIN 1191100**

(2) **Prior To PIN 1191100**

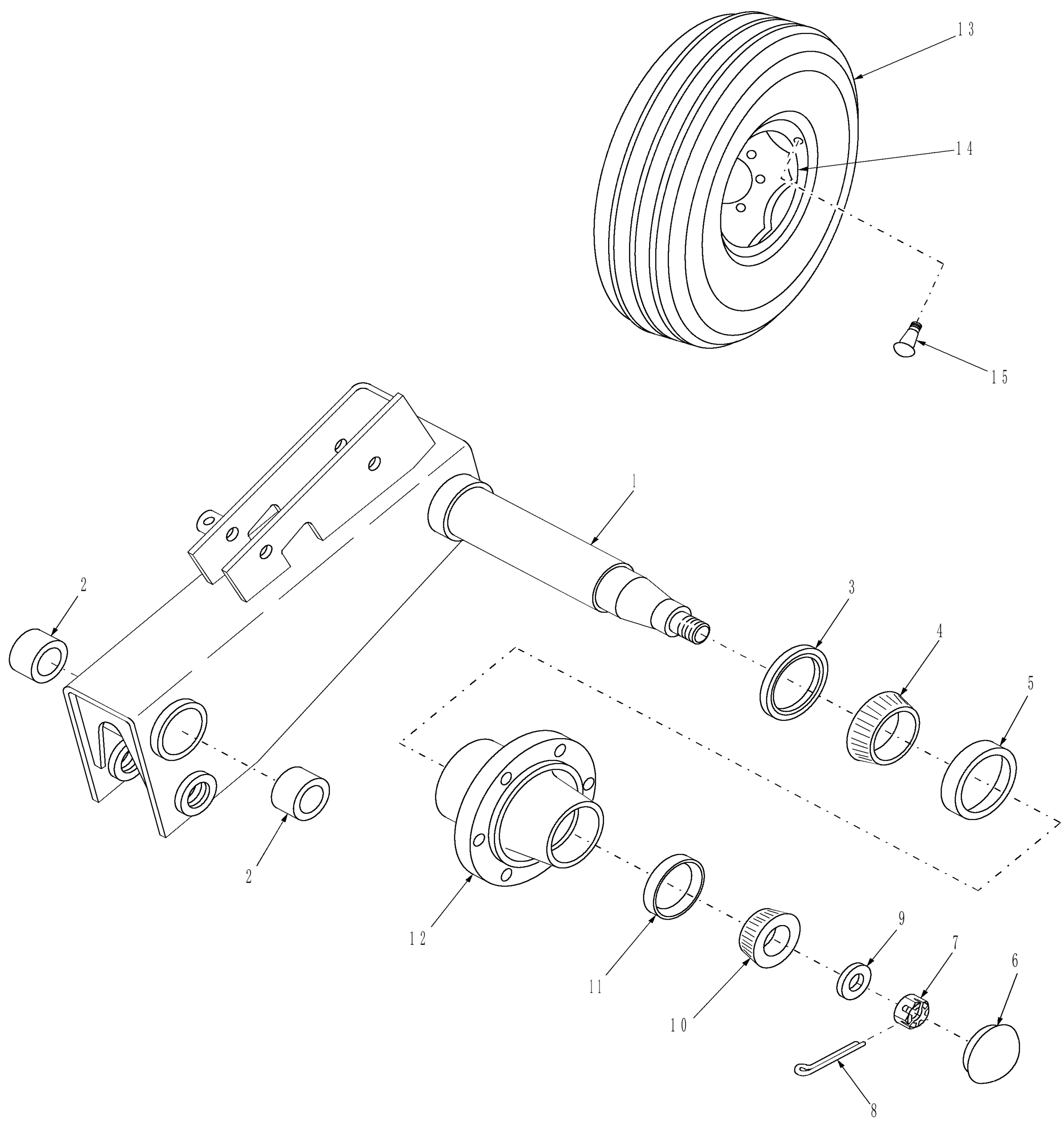
(3) **Standard Tongue Only**

SECTION INDEX

WHEELS

11.01		p1	3/2020

HUB, SPINDLE & TIRES



HUB, SPINDLE & TIRES

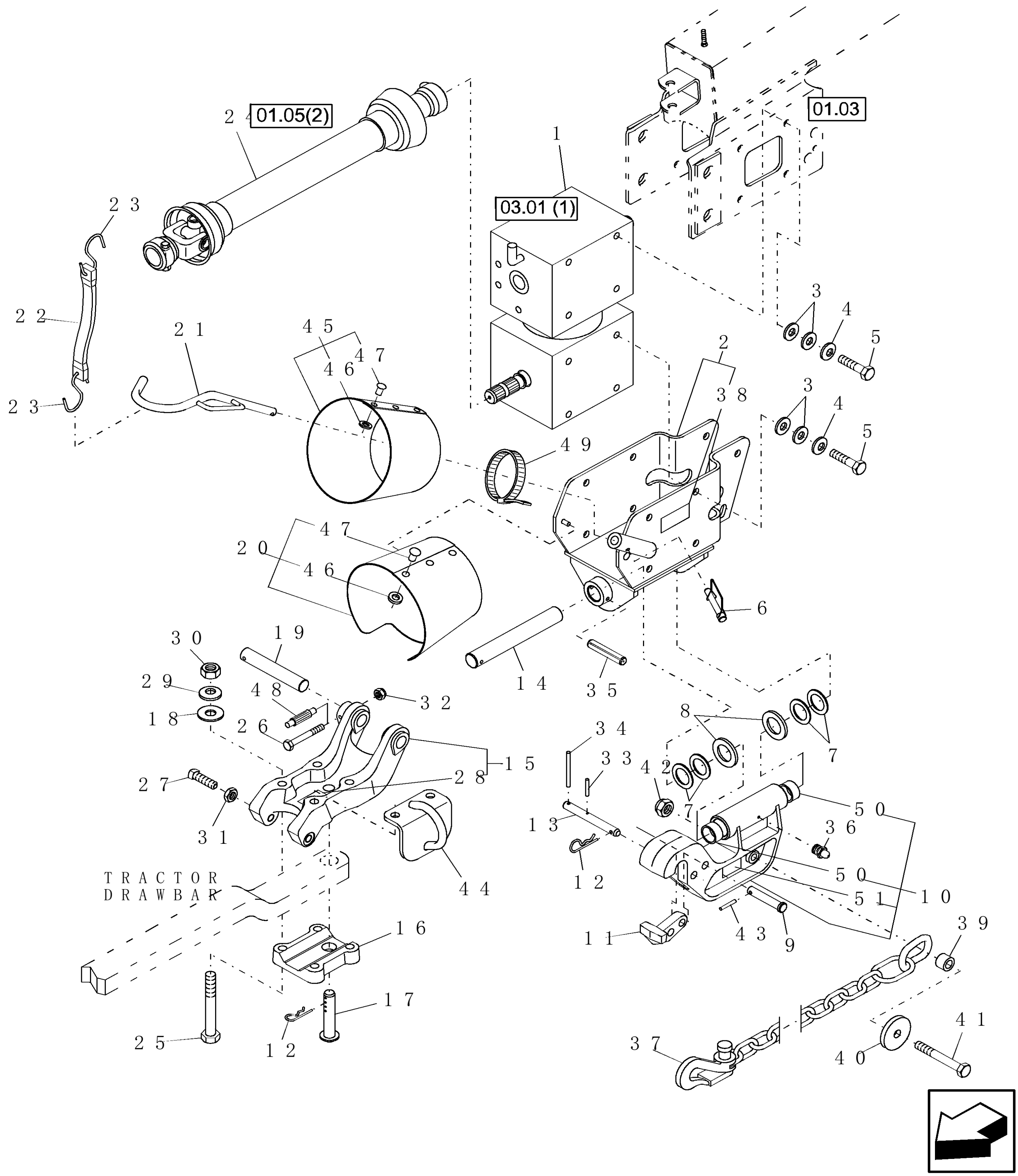
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87374938		1	ARM ASSY. LH, Includes: Ref. 7
1		87374936		1	ARM ASSY. Arm, RH, Includes: Ref. 7
2		788926		4	DRIVE BUSHING 50.75mm ID x 54mm OD x 47.8mm L
3		245856		2	OIL SEAL 57.15mm ID x 82.75mm OD x 6.76mm Thk
4		199954		2	BEARING CONE 50mm ID x 21.5mm W
5		199955		2	BEARING CUP 82mm OD x 17mm W
6		249128		2	HUB CAP
7		280172		2	SLOTTED NUT 7/8"-14
8		87398		2	COTTER PIN 3/16" OD x 1-1/4" OAL
9		9845587		2	WASHER 23.8mm ID x 44.5mm OD x 6.4mm Thk Hardened, M23
10		175507		2	BEARING CONE 35 mm ID x 16.764 mm
11		175508		2	BEARING CUP 59.16mm OD x 11.94mm W
12		86632701		1	HUB
13		86564435		2	TYRE/TIRE 31" x 13.50" - 15", Tubeless
14		86603587		2	WHEEL
15		196033		2	VALVE STEM Tubeless Tire
16		86628557		12	WHEEL BOLT Hex Csk, 9/16" - 18 x 1 1/8", HTS WHEEL BOLT, Use W/Rim Which has Chamfered Hole

SECTION INDEX

MAIN FRAME

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DRAWBAR SWIVEL HITCH & SAFETY CHAIN



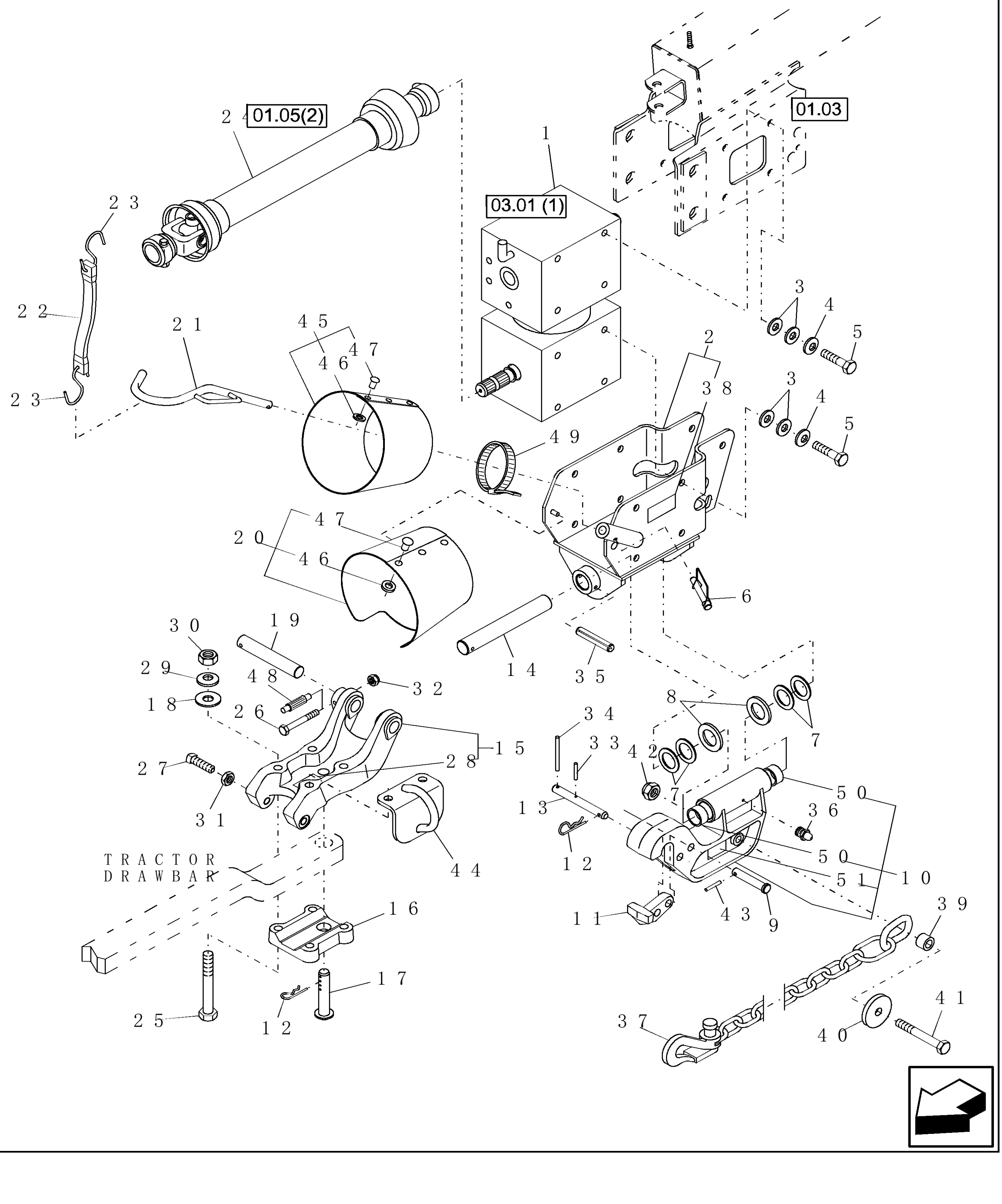
DRAWBAR SWIVEL HITCH & SAFETY CHAIN

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	86592258		1	GEARBOX Swivel, Refer to Fig. 03.04
1		86592258R		1	REMAN-GEARBOX GEARBOX Gearbox
1		86592258C		1	CORE-GEARBOX GEARBOX Return Number, Gearbox, Swivel
2		86587221		1	TRUNNION Includes: Ref. 38 & 52
3		574245		32	WASHER 16.76mm ID x 50.8mm OD x 6.35mm Thk Hardened, Special, M16
4		86589278		16	BELLEVILLE WASHER 17mm ID x 41.5mm OD x 4.5mm Thk
5		86604182		16	LOCK BOLT Spcl, Gr 5 Cap, HH, Special, G5, 5/8"-11 x 1-3/4"
6		647695		1	PIN 7.94mm OD x 69.85mm L Snap
7		28691		AR	WASHER 39mm ID x 60mm OD x 0.89mm Thk
8		233295		2	WASHER 38.48mm ID x 63.5mm OD
9		86510381		1	PIN
10		86603724		1	HITCH Includes: Ref 50 & 51
11		86603572		1	PAWL
12		86627125		2	COTTER PIN 0.148" OD x 2.75" OAL, Internal
13		86602275		1	PIN 19.05mm OD x 175mm L
14		86519423		1	PIN
15		86611652		1	SUPPORT 2 Piece Design, W/Ref. 44, Includes Decal Ref. 52
16		86632110		1	SUPPORT
17		846927		1	PIN
18		578092		4	WASHER 19.4mm ID x 47.6mm OD x 3.43mm Thk 3/4", Hardened
19		86624603		1	PIN 31.75mm OD x 190mm L
20		86602230		1	SHIELD Includes: (3) Ref. 46 & (3) Ref. 47
21		86598503		1	SUPPORT
22		273672		1	FASTENER

(1) Use W/ 86560318 Yoke, 21 Tooth Spline

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DRAWBAR SWIVEL HITCH & SAFETY CHAIN

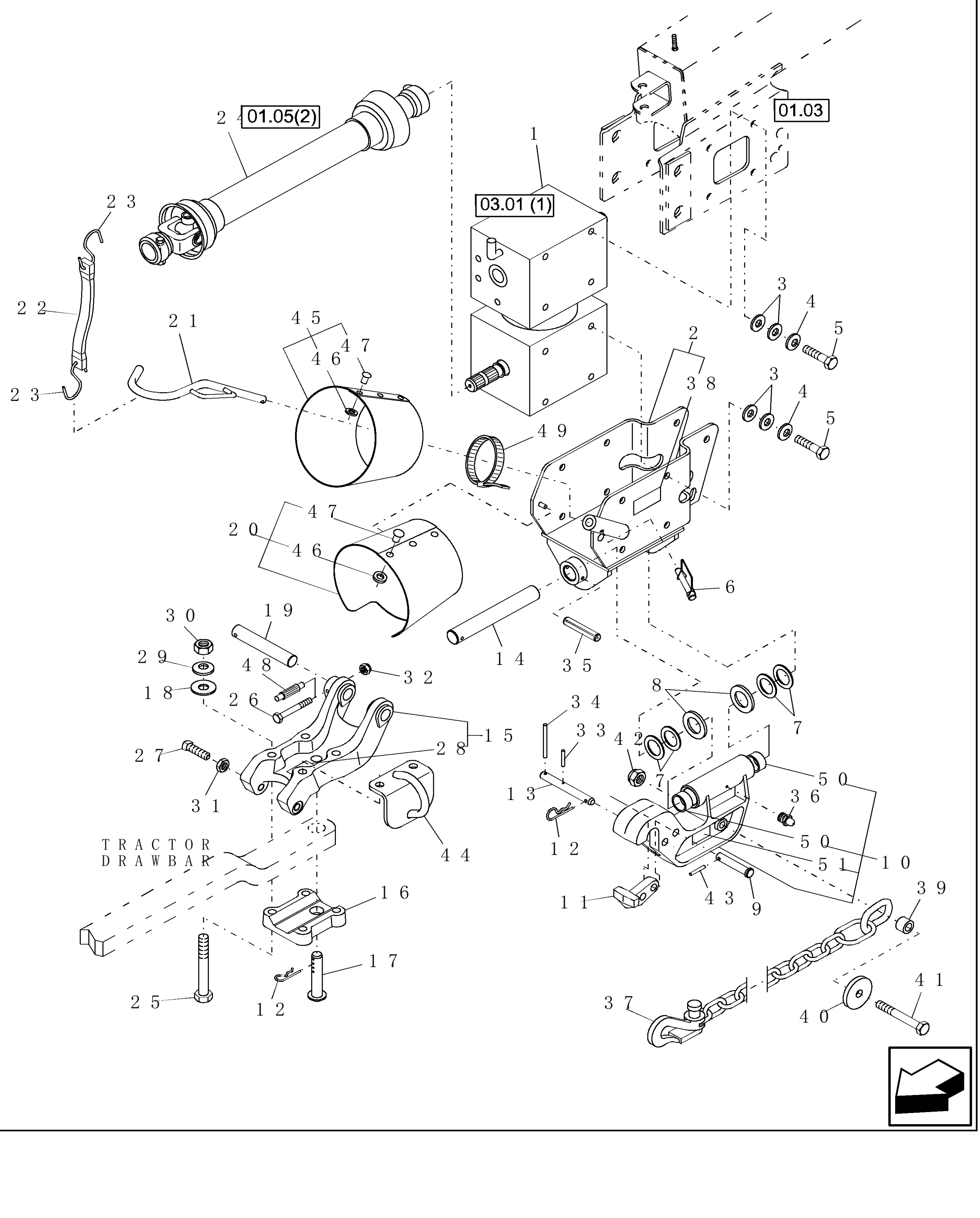


DRAWBAR SWIVEL HITCH & SAFETY CHAIN

REF FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
23	115680		2	HOOK Anchor
24	NS		1	NOT SERVICED PTO, Drawbar Hitch, Refer to Component Breakdown
25	280316		4	BOLT Hex, 3/4" - 10 x 7", Gr 5
26	86625652		1	HEX SOC SCREW 3/8" - 16 x 2.50" Cap, HH, G8, 3/8"-16 x 2-1/2"
27	485-17540		2	SET SCREW Sq Hd, 3/4"-10 x 2 1/2"
28	86605697		1	DECAL Torque
29	87340		4	LOCK WASHER Helical Spring, 0.759" ID, CST, ZND
30	280954		4	NUT 3/4" - 10, Gr 5
31	84972		2	JAM NUT Jam, 3/4" - 10, Gr 2
32	88902		1	NUT 3/8" - 16, Gr C
33	80777		1	GROOVED PIN 3/16" x 1-1/4", Type A
34	87955		1	LOCK PIN 6.35mm OD x 76.2mm L, Slotted
35	87948		1	LOCK PIN 7.94mm OD x 63.5mm L, Slotted
36	87414		1	LUBE NIPPLE 1/4" - 28 NPT
37	850116		1	CHAIN Safety Tow
38	86536919		1	DECAL ATTENTION, Store Jack in Middle of Tongue - English
38	86536920		1	DECAL ATTENTION, Store Jack in Middle of Tongue - French
38	86536921		1	DECAL ATTENTION, Store Jack in Middle of Tongue - Spanish
39	86607695		1	SPACER 17.48mm ID x 28.6mm OD x 20.6mm L Plated
40	87587325		1	PLATE Plate
41	88693		1	BOLT Hex, 5/8" - 11 x 2-3/4", Gr 5
42	85700693		1	NUT 5/8" - 11, Gr C
43	87402		1	COTTER PIN 1/4" OD x 1-1/4" OAL
44	86632112		1	SUPPORT Loop, 2 Piece Design, W/Ref. 15

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DRAWBAR SWIVEL HITCH & SAFETY CHAIN

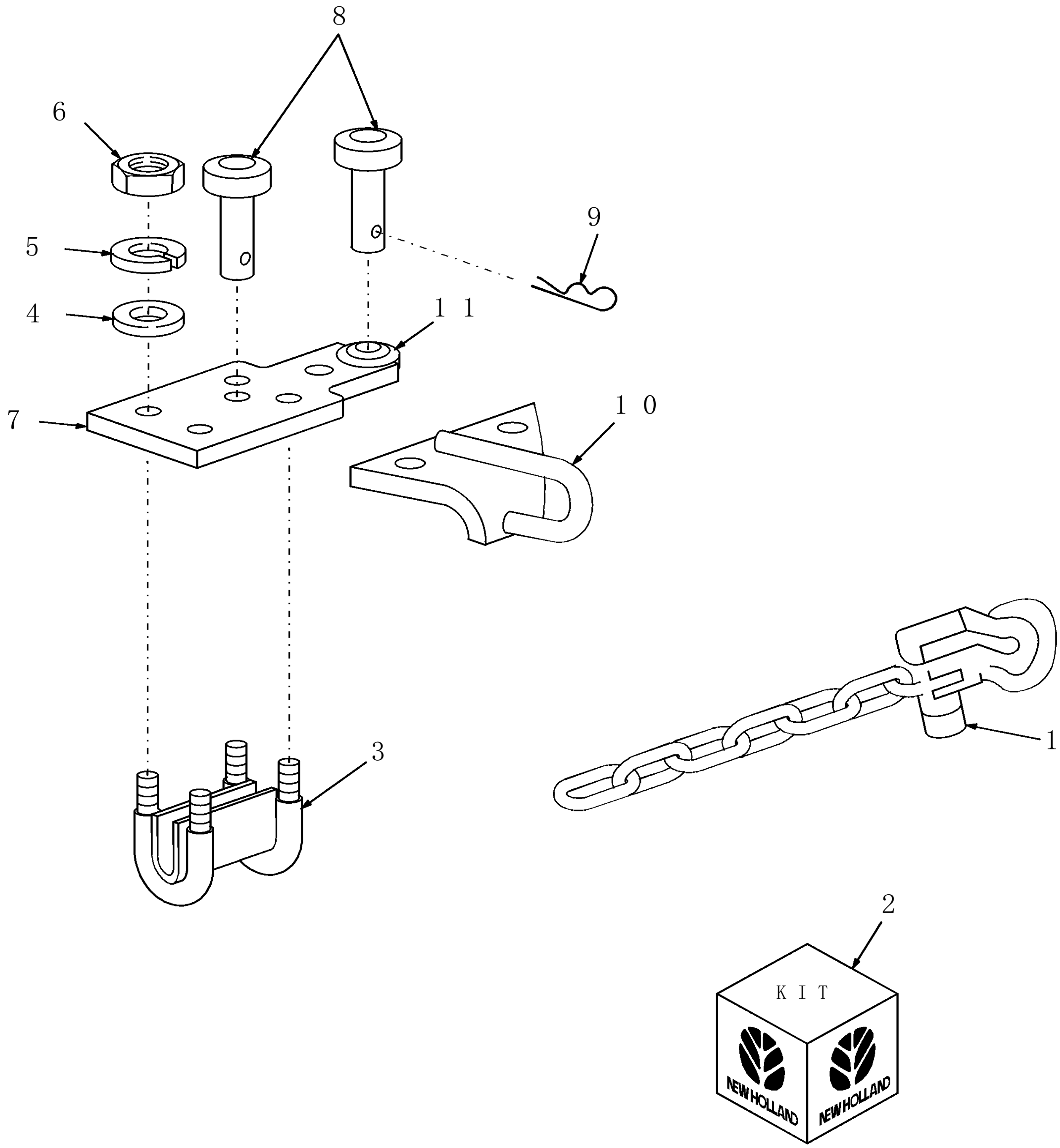


DRAWBAR SWIVEL HITCH & SAFETY CHAIN

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
45		86532561		1	SHIELD Includes: (4) Ref 46 & (4) Ref. 47
46		88055		7	WASHER 0.22" ID x 0.5" OD x 0.05" Thk Copper, #10
47		86520136		7	RIVET Aluminum, .196" Dia
48		633734		1	GROOVED PIN 7.94mm OD x 50.8mm L
49		527350		1	STRAP Cable Tie, 1/2" x 20"
50		137913		2	BUSHING
51		86604628		1	WARNING DECAL Pawl, English
51		86605150		1	DECAL WARNING, Pawl, French
51		86605149		1	DECAL WARNING, Pawl, Spanish
52		165109		1	DECAL Lube Fitting (Not Shown)

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HITCH EXTENSION & SAFETY CHAIN

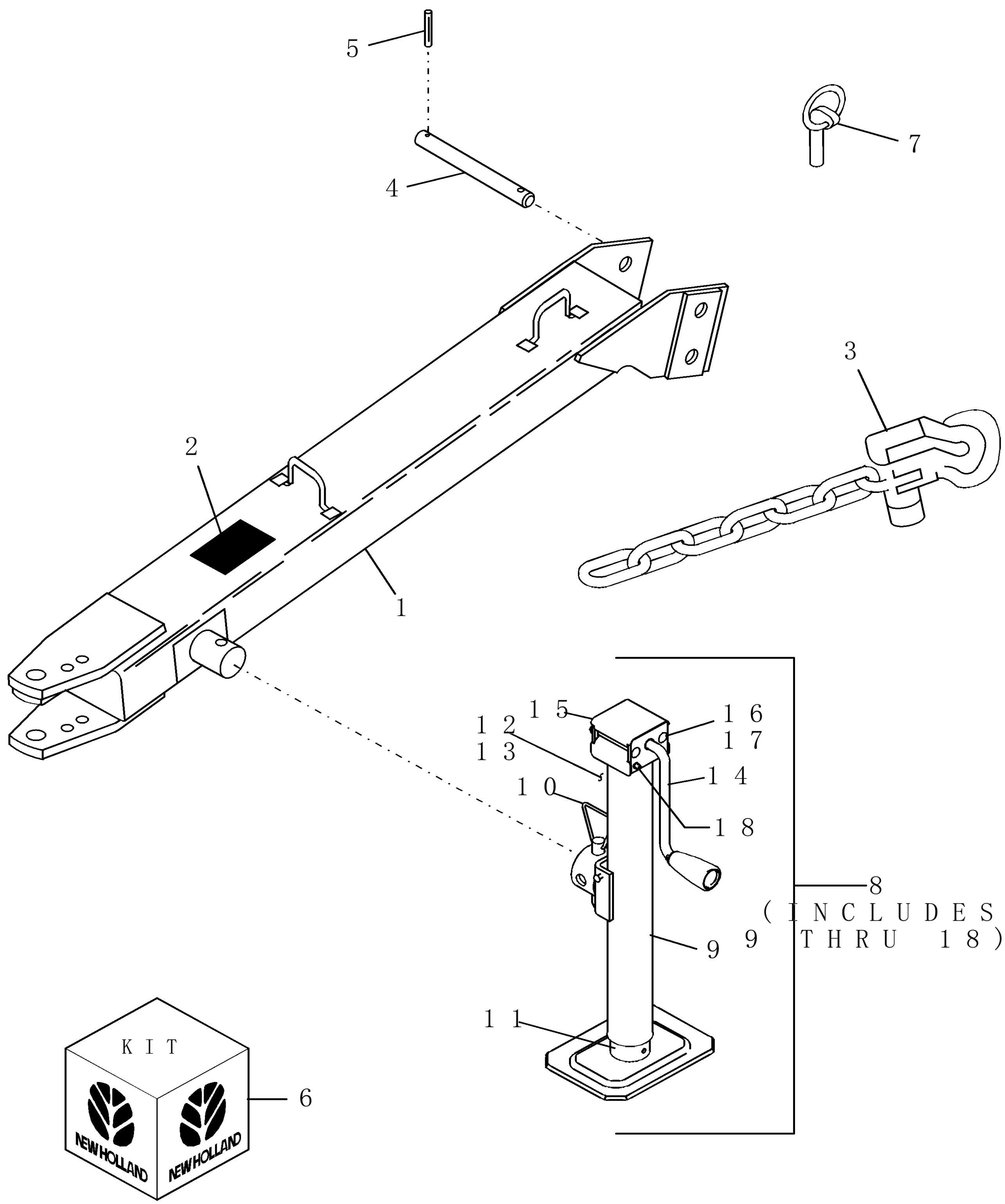


HITCH EXTENSION & SAFETY CHAIN

REF FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	850116		1	CHAIN Safety Tow
2	855228		1	KIT Hardware, Safety Tow Chain
3	86626518		1	CLAMP
4	87381		4	WASHER 0.81" ID x 1.47" OD x 0.13" Thk
5	87340		4	LOCK WASHER Helical Spring, 0.759" ID, CST, ZND
6	280954		4	NUT 3/4" - 10, Gr 5
7	9822038		1	PLATE Hitch, Includes: Ref. 11
8	846927		2	PIN
9	86627125		2	COTTER PIN 0.148" OD x 2.75" OAL, Internal
10	9822043		1	SAFETY CATCH HOOK
11	540137		1	BALL JOINT (Weld On)

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NON-TRACTOR TOW BAR

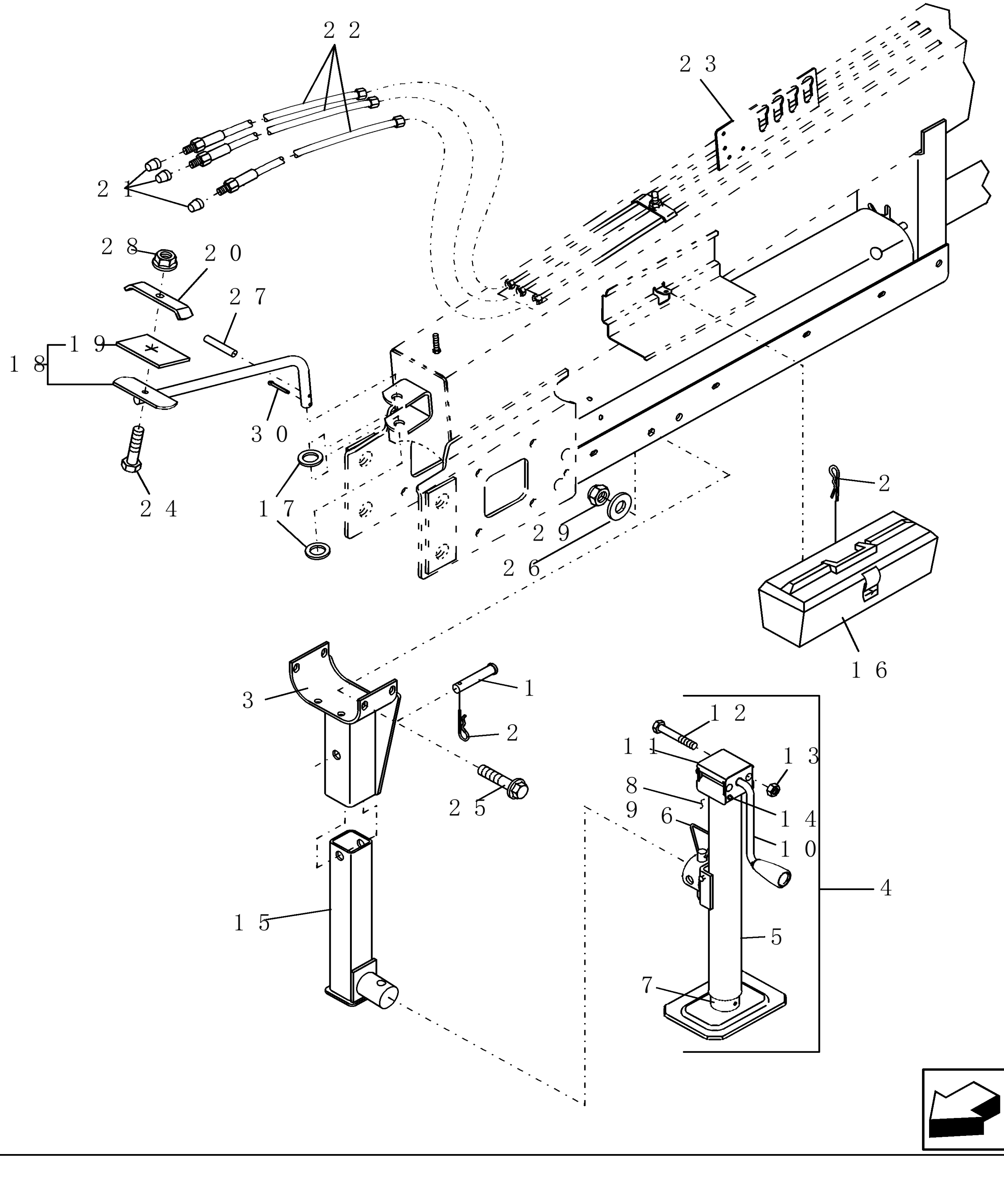


NON-TRACTOR TOW BAR

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86604766		1	HITCH Includes: Ref. 2
2		87041060		1	WARNING DECAL
2		9824087		1	DECAL WARNING, French
3		850116		1	CHAIN Safety
4		86572965		2	PIN 272.5mm L 10-3/4" L
5		88276		2	GROOVED PIN 7.94mm OD x 50.8mm L
6		855228		1	KIT Chain, Safety, Hardware
7		132757		2	LINCH PIN 11.11mm OD x 44.45mm L 1-5/8" ID Bale
8		86617866		1	JACK Includes: Ref. 9 - 18
9		NSS		1	NOT SOLD SEPARAT Tube, Outer
10		86590810		1	KIT Jack, Pin & Chain
11		NSS		1	NOT SOLD SEPARAT Tube, Inner
12		86590811		1	KIT Gear
13		86592468		1	BEARING ASSY 0.505" ID x 1" OD x 0.344" Bearing
14		86590812		1	KIT Crank
15		86590816		1	COVER Gearbox
16		280961		1	CARRIAGE BOLT Sq Nk, 1/4" - 20 x 3", Gr 5
17		7770		1	NUT Hex, 1/4 - 20, Gr 5
18		86504104		1	LUBE NIPPLE 1/4" x .56" lg, Drive

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DRAWBAR SWIVEL HITCH JACK & TOOL BOX

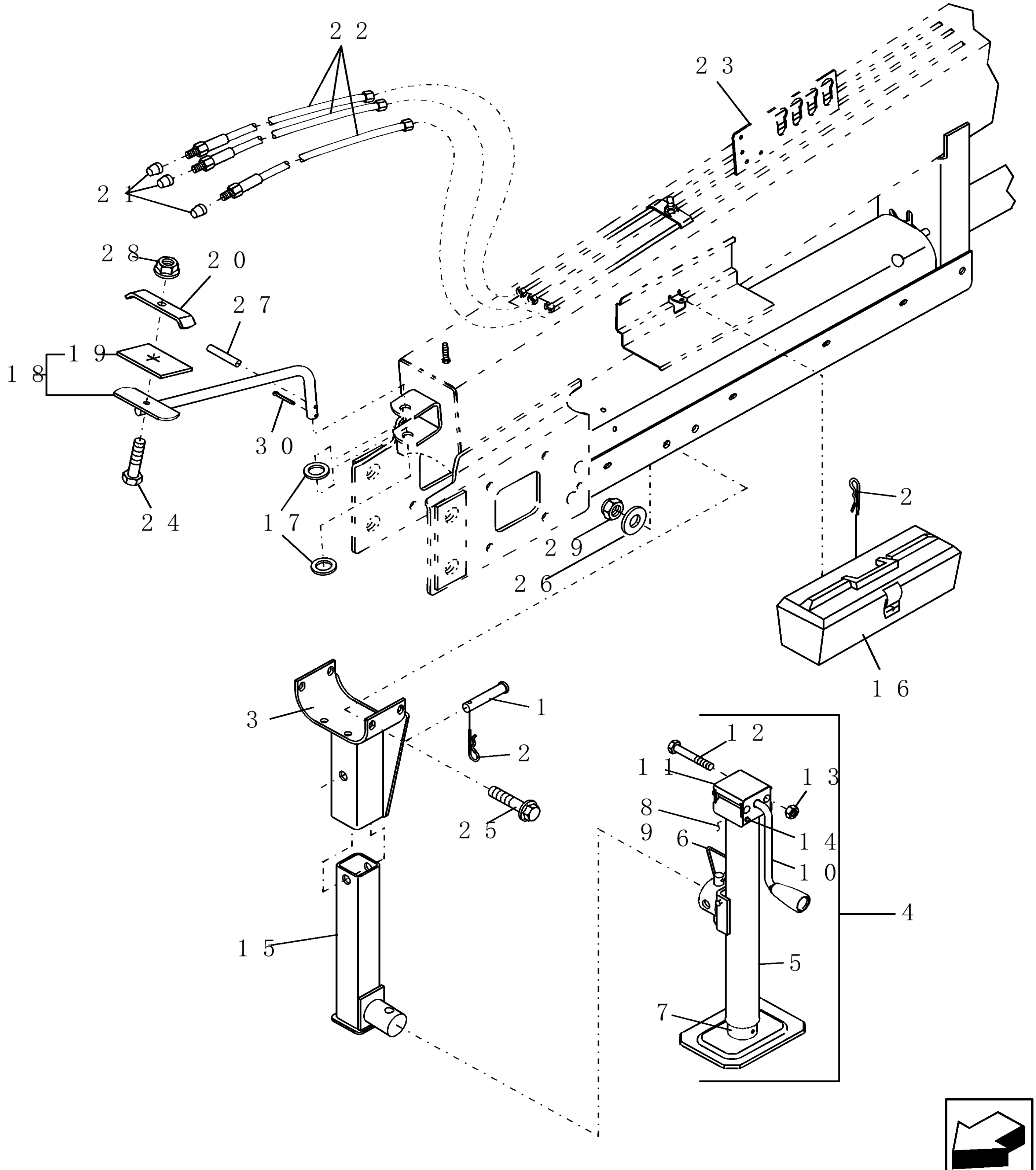


DRAWBAR SWIVEL HITCH JACK & TOOL BOX

REF FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	86510381		1	PIN
2	86627125		2	COTTER PIN 0.148" OD x 2.75" OAL, Internal
3	86629195		1	SUPPORT
4	86617866		1	JACK Includes: Ref. 5 - 14
5	NSS		1	NOT SOLD SEPARAT Tube, Outer
6	86590810		1	KIT Pin & Chain
7	NSS		1	NOT SOLD SEPARAT Tube, Inner
8	86590811		1	KIT Gear
9	86592468		1	BEARING ASSY 0.505" ID x 1" OD x 0.344" Bearing
10	86590812		1	KIT Crank
11	86590816		1	COVER Gearbox
12	280961		1	CARRIAGE BOLT Sq Nk, 1/4" - 20 x 3", Gr 5
13	7770		1	NUT Hex, 1/4 - 20, Gr 5
14	86504104		1	LUBE NIPPLE 1/4" x .56" lg, Drive
15	86582746		1	TUBE
16	5135060		1	TOOL BOX
17	9706679		2	WASHER 0.8" ID x 1.25" OD x 0.14" Thk
18	86595948		1	SUPPORT Includes: Ref. 19
19	853891		1	TAPE Tape, Black Vinyl Foam -
20	86571694		1	CLAMP
21	116070		3	CAP Oil Drain
22	86549016		3	HOSE 9.65 mm ID x 1727.2 mm
23	86564683		1	SUPPORT Hose (Welding Required)
24	87936		1	BOLT Hex, 3/8" - 16 x 2-1/2", Gr 5
25	86521614		6	BOLT Hex, 1/2" - 13 x 1-1/4", Gr 5
26	86513238		6	LOCK WASHER .515” ID x 1.070” OD x .120” Thk Belleville, 1/2"
27	80777		1	GROOVED PIN 3/16" x 1-1/4", Type A
28	88871		1	NUT 1/2" - 13, Gr C

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DRAWBAR SWIVEL HITCH JACK & TOOL BOX

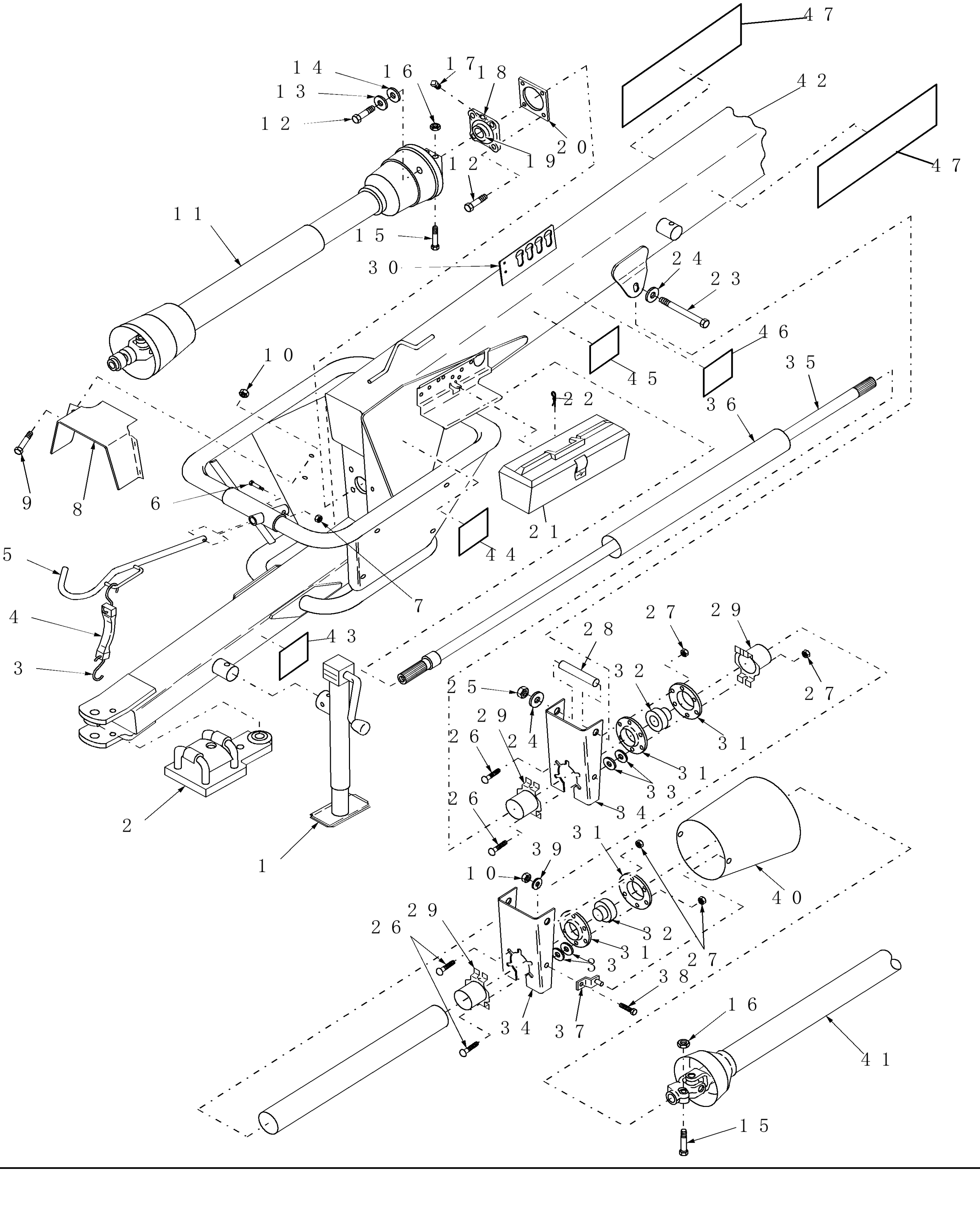


DRAWBAR SWIVEL HITCH JACK & TOOL BOX

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
29		280374		4	NUT Hex, 5/8" - 11, Gr 5
30		87398		1	COTTER PIN 3/16" OD x 1-1/4" OAL

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STANDARD TONGUE, FRONT

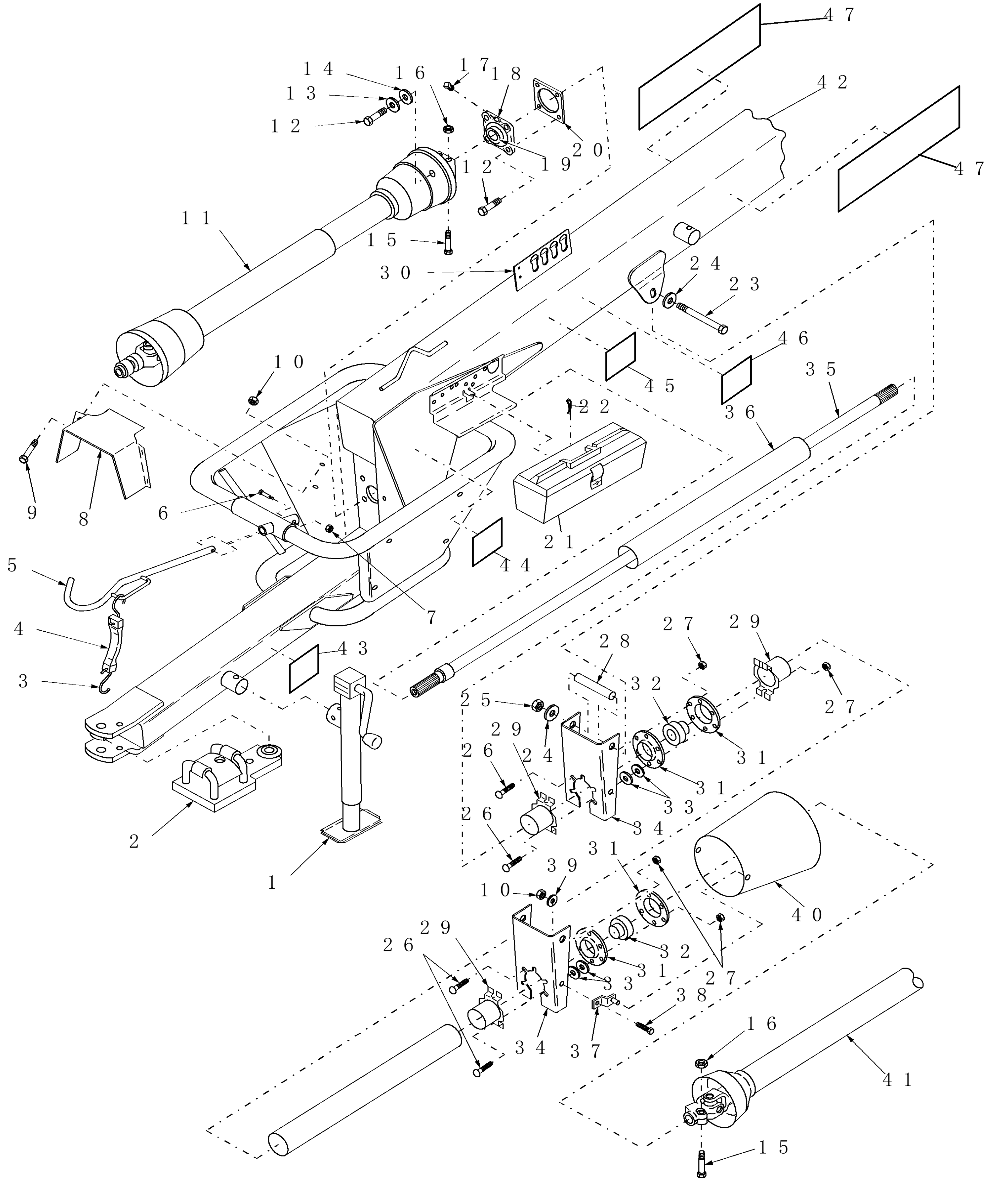


STANDARD TONGUE, FRONT

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86617866		1	JACK
2		0C		1	ORDER COMPONENTS Hitch Extension, Refer To Fig. 12.01
3		115680		2	HOOK Anchor
4		273672		1	FASTENER
5		86627266		1	SUPPORT
6		9707515		1	BOLT Hex, 5/16" - 18 x 1-3/4", Gr 5
7		9823743		1	FLANGE NUT Flg, 5/16" - 18
8		86532107		1	COVER
9		9628510		4	BOLT Hex, 3/8" - 16 x 3/4", Gr 5
10		86521606		6	FLANGE NUT Hex, 3/8" - 16, Gr 5
11		NS		1	NOT SERVICED PTO, Primary, Refer To Component Breakdown
12		87689		5	BOLT 1/2"-13 x 1.813" OAL, Gr 5
13		86513238		1	LOCK WASHER .515" ID x 1.070" OD x .120" Thk Belleville, 1/2"
14		86538195		1	WASHER
15		280620		3	BOLT Hex, 1/2" - 13 x 3", Gr 8
16		88871		3	NUT 1/2" - 13, Gr C
17		86539484		1	PIPE PLUG Sq Hd, 1/8"-27, NTPF
18		695496		1	BEARING ASSY 76.86 mm ID x 89.92 mm OD x 25.4 mm Includes: Ref. 19
19		63264		1	BALL BEARING 38.1mm ID x 80mm OD x 21mm W
20		86532013		1	PLATE
21		5135060		1	TOOL BOX
22		86627125		1	COTTER PIN 0.148" OD x 2.75" OAL, Internal
23		280743		2	BOLT Hex, 5/8" - 11 x 8", Gr 5
24		80299		2	WASHER 0.69" ID x 1.75" OD x 0.13" Thk
25		86521611		2	FLANGE NUT Flg, 5/8" - 11
26		88707		12	CARRIAGE BOLT Sht Sq Nk, 1/2" - 13 x 1-1/4", Gr 5, Full Thd

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STANDARD TONGUE, FRONT



STANDARD TONGUE, FRONT

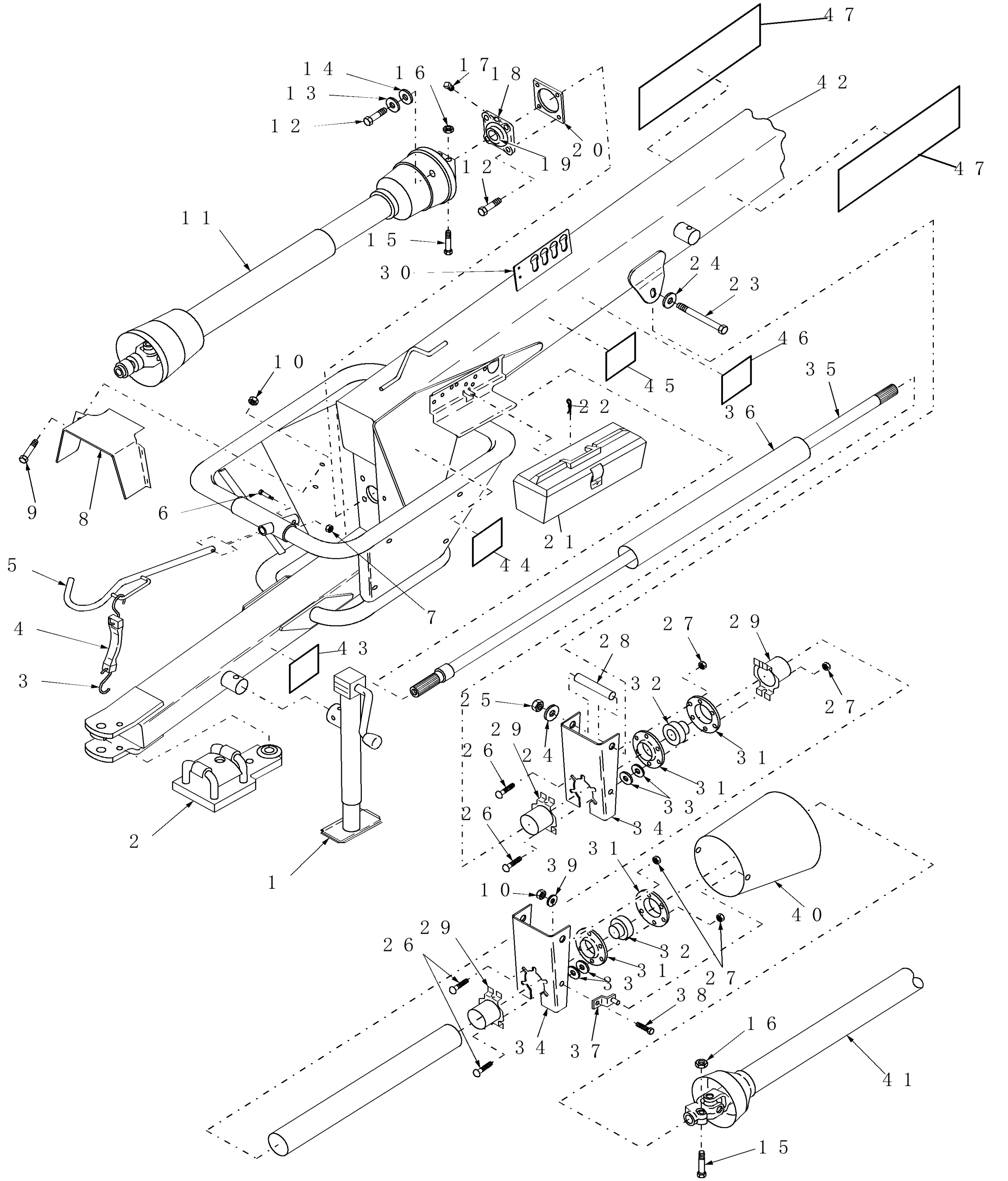
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
27		86521607		12	FLANGE NUT Flg, 1/2" - 13, Gr 5
28		86541412		2	SPACER
29		86599724		3	BRACKET Includes: Foam Tape
29		853891		AR	TAPE Black Vinyl Foam - 3" x 144"
30		86564683		1	SUPPORT Hose (Requires Welding)
31		86629969		4	FLANGE
32		86552016		2	BALL BEARING 38.1mm ID x 80mm OD x 21.01mm W Includes: Set Screws
33		87365		4	WASHER 0.66" ID x 1.31" OD x 0.1" Thk
34		86629974		2	CHANNEL
35	1	86538151		1	SHAFT 1-1/2", 23 Spline One End
35	2	86979386		1	SHAFT 1-3/8"-21 One End, 23 splines Other End
36		86599744		2	SHIELD Non Split Tube
37		86629976		2	BRACKET
38		88682		2	CARRIAGE BOLT Short Nk, 3/8" - 16 x 1", Gr 5
39		140045		2	BELLEVILLE WASHER 10mm ID x 22mm OD x 1.6mm Thk
40		86532561		1	SHIELD Includes: Rivets & Washers
40		86520136		4	RIVET Aluminum, .196” Dia
40		88055		4	WASHER 0.22" ID x 0.5" OD x 0.05" Thk Copper, #10
41		NS		1	NOT SERVICED PTO, Secondary, Refer To Component Breakdown
42		86572845		1	TONGUE Includes: Ref. 44 - 47
43		86536919		1	DECAL Attention
44		86539556		1	DECAL Attention
45		86622073		1	WARNING DECAL Caution
46		86624775		1	WARNING DECAL Machine Can Throw Stones - English

(1) **BSN 673583**

(2) **ASN 673583**

12.03		p3	3/2020

STANDARD TONGUE, FRONT

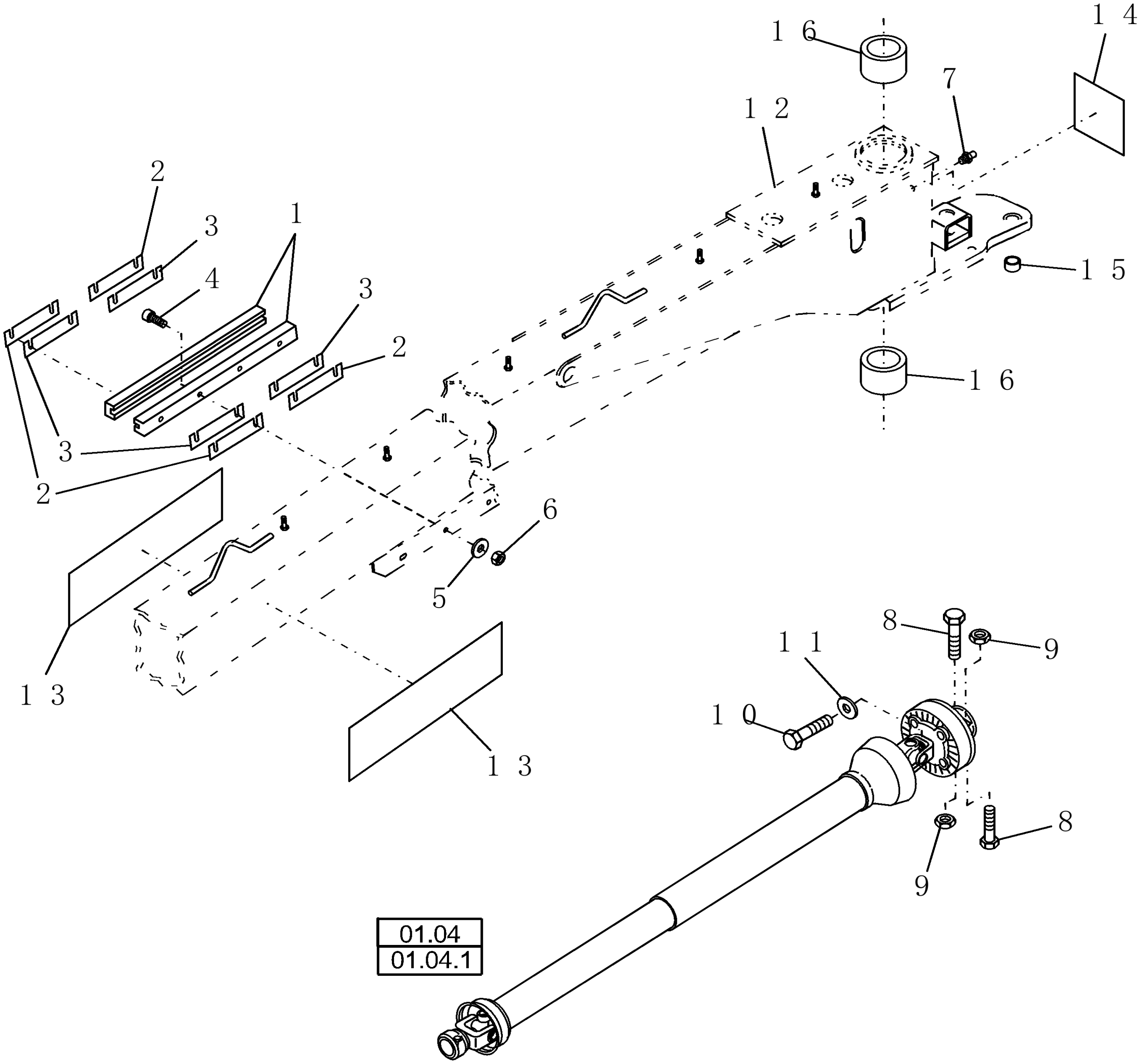


STANDARD TONGUE, FRONT

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
46		86625172		1	WARNING DECAL Machine Can Throw Stones - French
46		86625173		1	WARNING DECAL Machine Can throw Stones - Spanish
47		86604544		2	DECAL NEW HOLLAND 48", Bright Yellow

12.04		p1	3/2020

STANDARD TONGUE, REAR

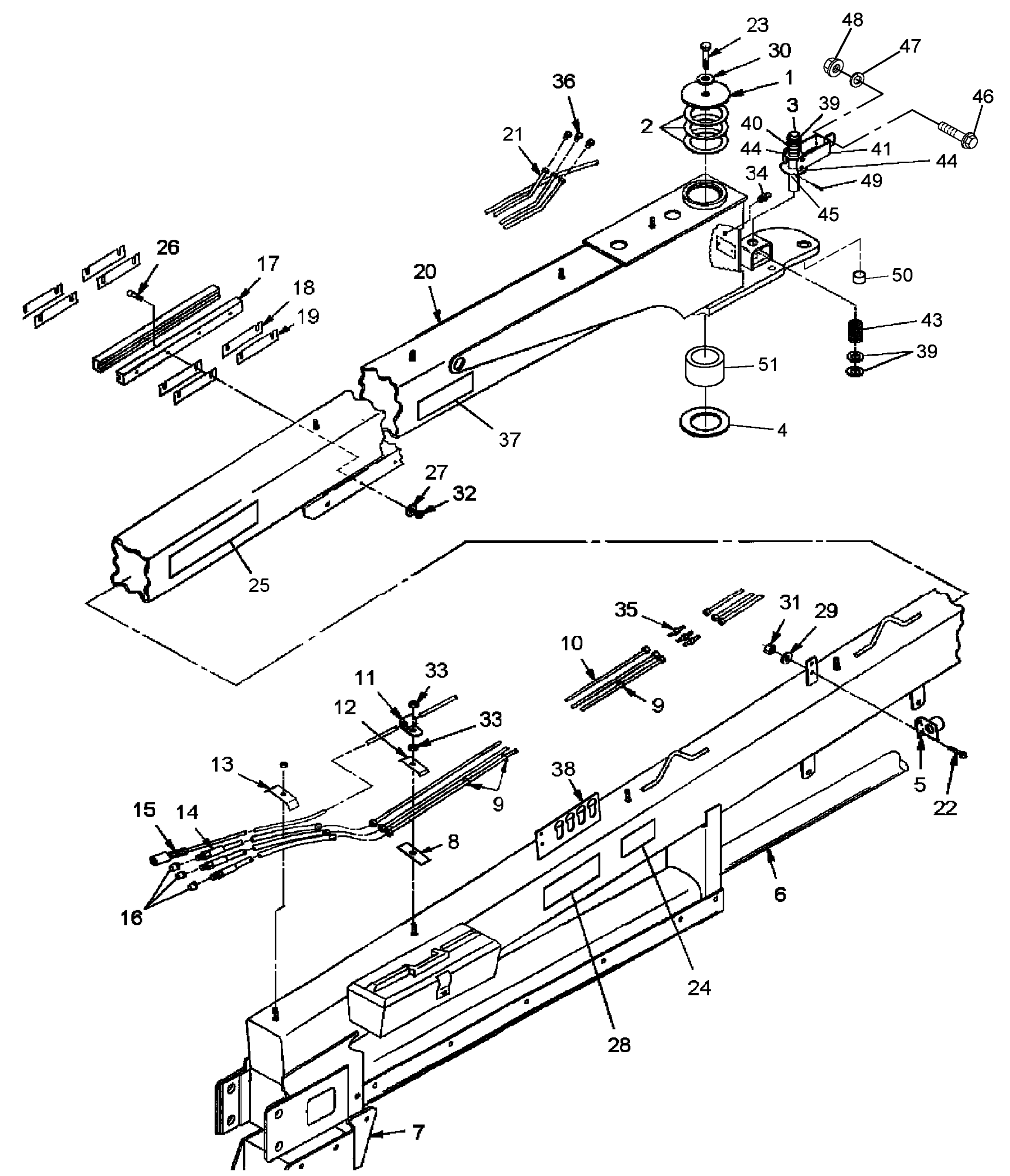


STANDARD TONGUE, REAR

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86538357		2	CHANNEL Plastic
2		58639		AR	SHIM
3		64612		AR	SHIM 0.012" Thk
4		87032817		8	BOLT Cap, HSH, 5/16" x 1"
5		80664		8	WASHER 0.38" ID x 0.88" OD x 0.08" Thk
6		280736		8	LOCK NUT 5/16" - 18, Gr C
7		87414		1	LUBE NIPPLE 1/4" - 28 NPT
8		9818286		2	BOLT Hex, 1/2" - 13 x 3 1/2", Gr 8
9		88871		2	NUT 1/2" - 13, Gr C
10		87670		1	BOLT 1/2" - 13 x 1-1/4", Full Thd, Gr 5
11		86513238		1	LOCK WASHER .515” ID x 1.070” OD x .120” Thk Belleville, 1/2"
12		86572845		1	TONGUE Includes: Ref. 13 , 14, & 16
13		86547782		2	DECAL Tape, Yellow Reflective Yellow, Retroreflective
14		770033		1	WARNING DECAL Warning
15		787219		1	SLEEVE Cylinder Mount
16		86515632		2	DRIVE BUSHING 102.13mm ID x 114.25mm OD x 76.2mm L 4" (102mm) ID

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SWIVEL HITCH TONGUE, BSN-650204



SWIVEL HITCH TONGUE, BSN-650204

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86593896		AR	WASHER Special
2		86510725		AR	WASHER
3		86533035		1	PIN W/ 3/16" Holes
3		86627559		1	PIN W/ 1/4" Holes; L = 9.4"
3	1	86629641		1	PIN 31.75mm OD x 260mm L W/ 1/4" Holes; L = 10.24"
4		86510727		1	WASHER Nylon, 4"
5		9611467		1	HOLDER
6		NSS		1	NOT SOLD SEPARAT Swivel Drive Shaft, Refer to Fig. 01.03
7		NSS		1	NOT SOLD SEPARAT Swivel Hitch, Refer to Fig. 01.05
8		765394		8	PAD 19.8mm ID x 31.8mm W x 101.6mm L
9		263117		AR	CABLE TIE 292.1mm L, Nylon, Black
10		86538795		3	HYD TUBE 12.70 mm OD x 2805 mm L
11		86010402		AR	CLAMP 12.7mm, Coat, 10.3mm Bolt Hole, P Type
12		768999		8	CLAMP
13		9603461		1	CLAMP
14		86549016		3	HOSE 9.65 mm ID x 1727.2 mm
15	2	86550047		1	WIRE HARNESS
15	3	86560194		1	WIRE HARNESS
16		116070		3	CAP Oil Drain
17		86538357		2	CHANNEL Plastic
18		64612		AR	SHIM 0.012" Thk
19		58639		AR	SHIM
20	4	86572843		1	TONGUE Swivel, Includes: Ref. 51
21		86549017		3	HYD TUBE 12.70 mm OD
22		88146		2	BOLT Hex, 1/4" - 20 x 1", Gr 5

(1) **Transporter-Ready Part**

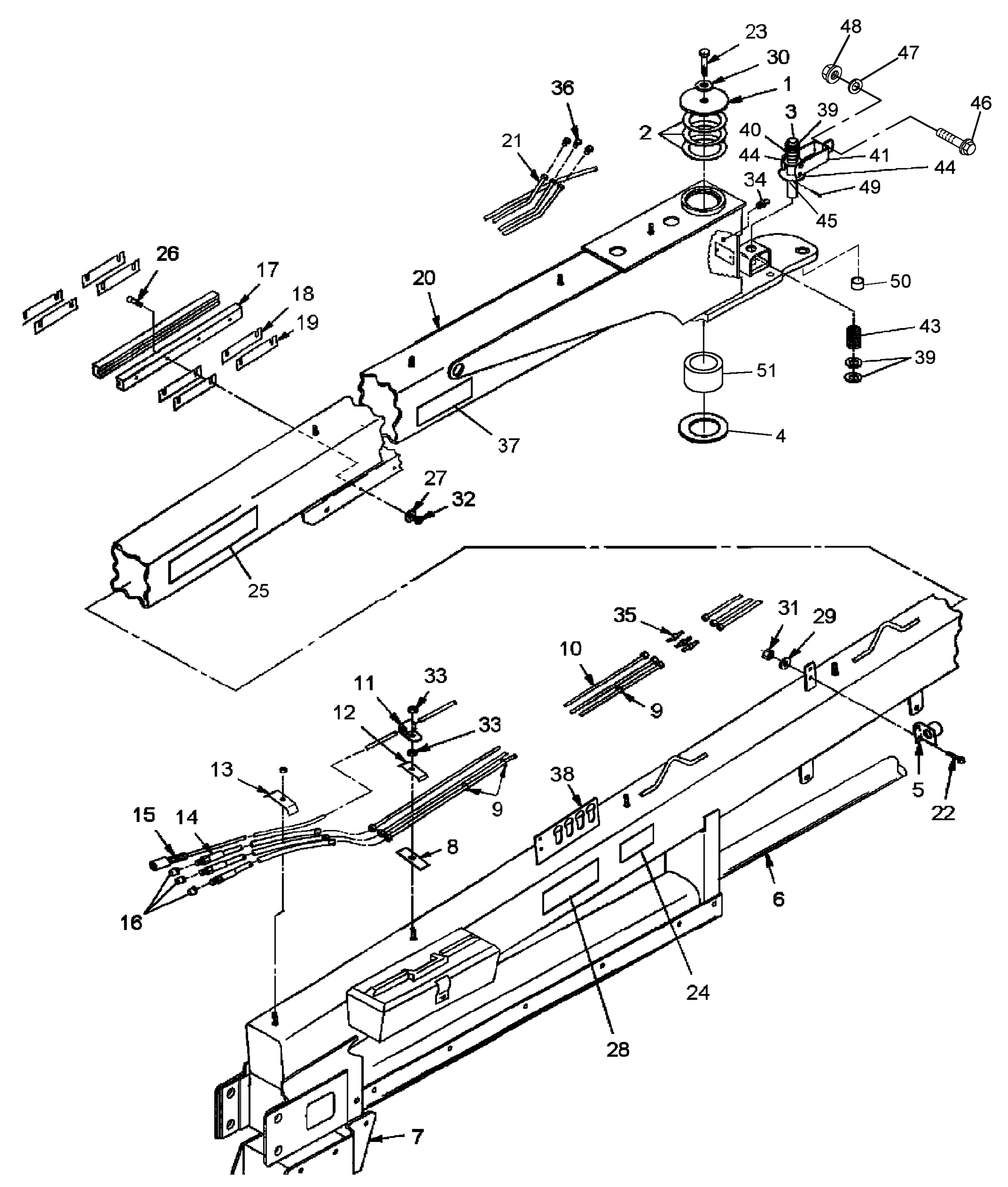
(2) **BSN 638669**

(3) **ASN 638669**

(4) **Includes: Ref. 24, 25, 28, 770033 Decal, Engage Safety Lock, 86547782 Yellow Retroreflective Tape & 86555718 Decal, Attention Chain Adjustment -**

12.05		p2	3/2020

SWIVEL HITCH TONGUE, BSN-650204

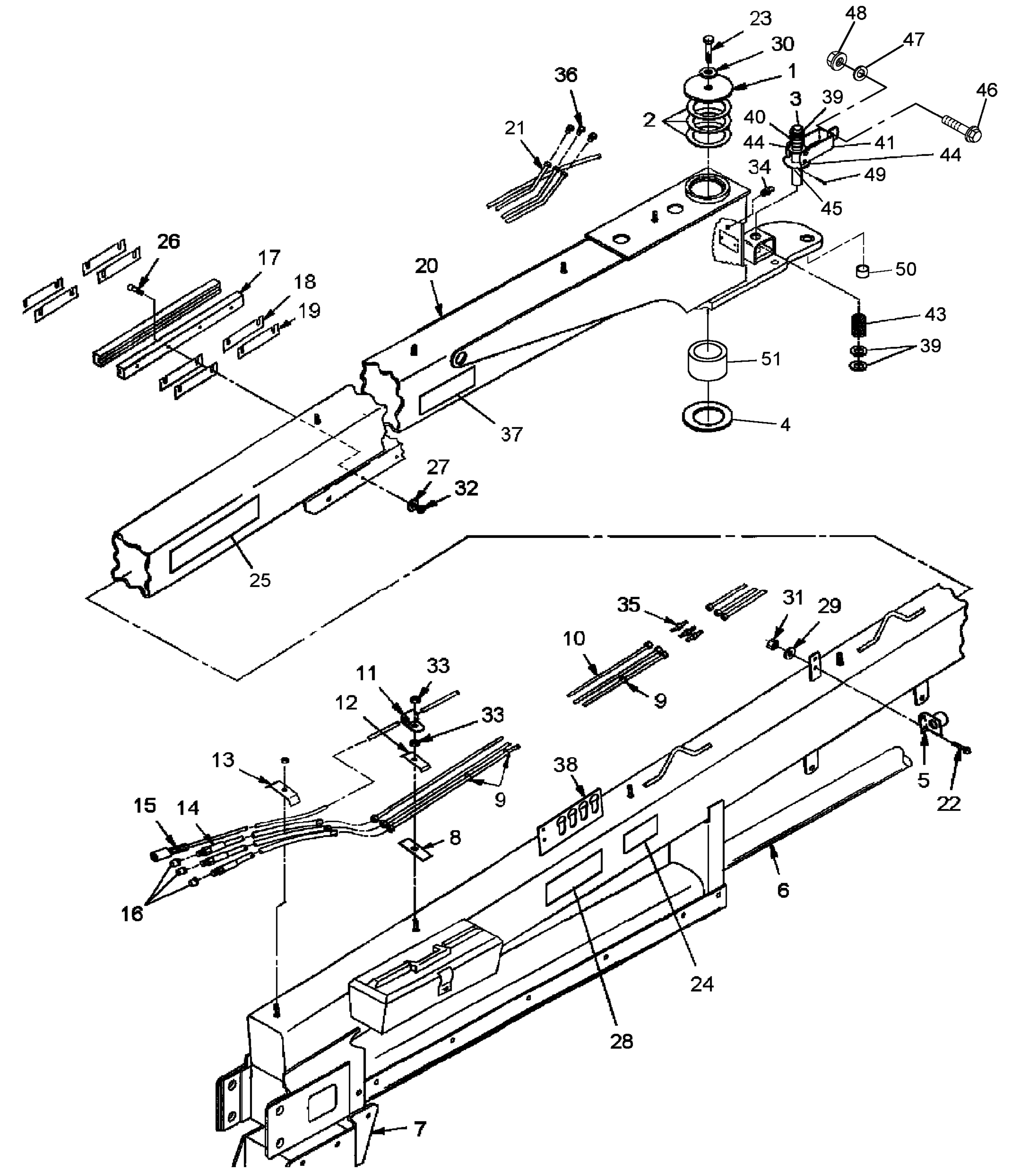


SWIVEL HITCH TONGUE, BSN-650204

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
23		88692		1	BOLT Hex, 3/4" - 10 x 1 1/2", Gr 5, Full Thd
24		86624775		1	WARNING DECAL Machine Can Throw Stones - English
24		86625172		1	WARNING DECAL Machine Can Throw Stones - French
24		86625173		1	WARNING DECAL Machine Can throw Stones - Spanish
25		86604544		2	DECAL NEW HOLLAND, 48", Bright Yellow, Bright Yellow
26		87032817		8	BOLT Cap, HSH, 5/16" x 1"
27		80664		8	WASHER 0.38" ID x 0.88" OD x 0.08" Thk
28		86622073		1	WARNING DECAL
29		80682		2	LOCK WASHER 1/4"
30		87340		1	LOCK WASHER Helical Spring, 0.759" ID, CST, ZND
31		7770		2	NUT Hex, 1/4 - 20, Gr 5
32		280736		8	LOCK NUT 5/16" - 18, Gr C
33		86521609		9	FLANGE NUT Flg, 3/8" - 16
34		87414		1	LUBE NIPPLE 1/4" - 28 NPT
35		128822		3	UNION 3/4" - 16 JIC x 3/4" - 16 JIC
36		86511868		3	PLUG 3/4" - 16 JIC
37		86605508		2	DECAL 1431
38		86564683		1	SUPPORT Hoses (Requires Welding)
39		142656		3	WASHER 33.35mm ID x 47.63mm OD x 3.43mm Thk 1-1/4"
40		35324		1	SPRING Top
41		690605		2	HANDLE
42		87394		2	COTTER PIN 1/8" x 1/2" (Not Shown)
43		48176		1	SPRING
44		696508		1	WASHER 33.3mm ID x 88.9mm OD x 3.43mm Thk
45		690607		1	ROD
46		86521551		1	BOLT Hex, 5/16" - 18 x 1/2", Gr 5

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SWIVEL HITCH TONGUE, BSN-650204

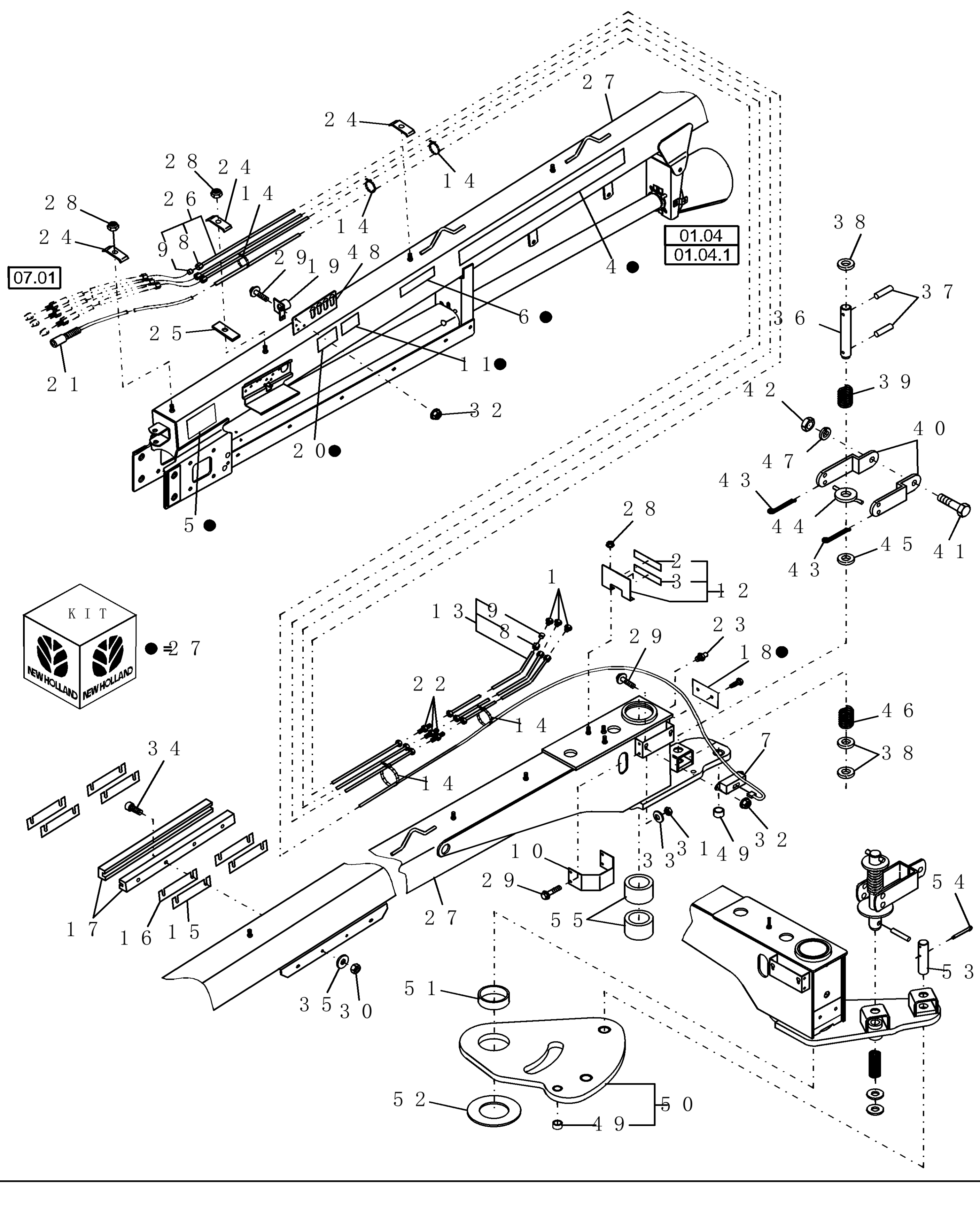


SWIVEL HITCH TONGUE, BSN-650204

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
47		80681		1	LOCK WASHER 5/16" ID x 19/32" OD x 1/8" Thk
48		86521605		1	FLANGE NUT 5/16" - 18, Gr 5
49		87578		2	LOCK PIN 3/16" x 1 3/4", Slotted
49		87343		2	LOCK PIN 6.35mm OD x 44.45mm L, Slotted
50		787219		1	SLEEVE Cylinder Mount
51		86515632		2	DRIVE BUSHING 102.13mm ID x 114.25mm OD x 76.2mm L 4" (102mm) ID

12.05	1	p1	3/2020

SWIVEL HITCH TONGUE, ASN-650204



SWIVEL HITCH TONGUE, ASN-650204

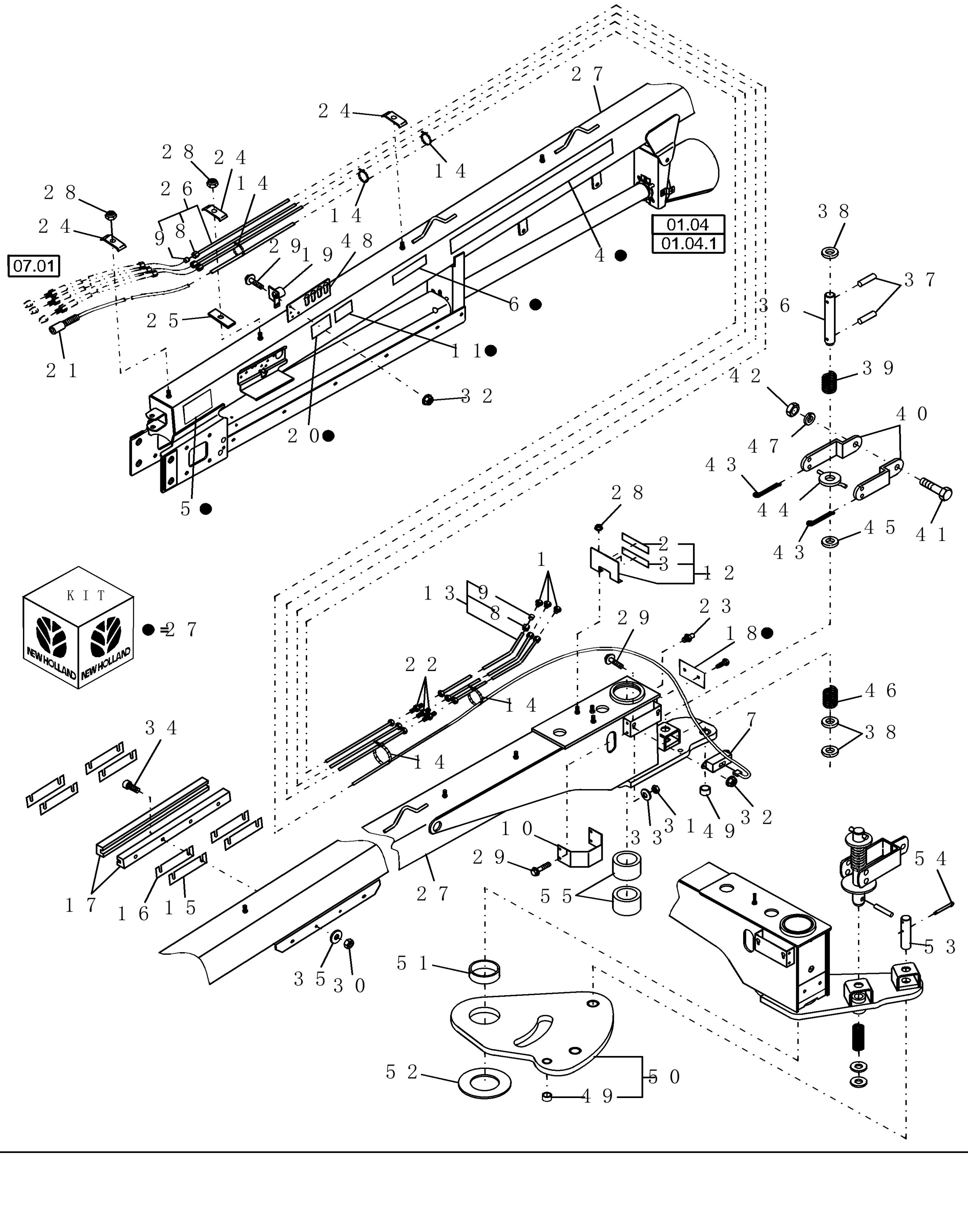
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86511868		3	PLUG 3/4" - 16 JIC
2		86547781		1	REFLECTOR RED Tape, Red, Retroreflective
3		86547783		1	REFLECTOR Tape, Red Orange Tape, Red-Orange, Fluorescent
4		86604544		2	DECAL NEW HOLLAND, 48", Bright Yellow, Bright Yellow
5	1	86555718		1	DECAL Attention, Adjust Check Chains...
5	2	86604332		1	DECAL ATTENTION DRAWBAR HITCH
6		86547782		2	DECAL Tape, Yellow Reflective Tape, Yellow Retroreflective
7		86561136		1	MODULE Lighting Control
8		129428		12	TUBE NUT 37 Degree, 3/4"-16, Type B
9		235671		12	SLEEVE 37 Degree, 1/2" Tube
10		86567415		1	COVER Black
11		86624775		1	WARNING DECAL Machine Can Throw Stones - English
11		86625172		1	WARNING DECAL Machine Can Throw Stones - French
11		86625173		1	WARNING DECAL Machine Can throw Stones - Spanish
12		86574272		1	ANGLE Includes: Ref. 2 & 3
13		86549017		3	HYD TUBE 12.70 mm OD Includes: (2) Ref. 8 & 9
14		263117		9	CABLE TIE 292.1mm L, Nylon, Black
15		58639		4	SHIM
16		64612		4	SHIM 0.012" Thk
17		86538357		2	CHANNEL Plastic
18		770033		1	WARNING DECAL English, Engage Safety Lock...

(1) Use On Swivel Tongue Models, Two Point Hitch

(2) Use On Swivel Tongue Models, Drawbar Hitch

12.05	1	p2	3/2020

SWIVEL HITCH TONGUE, ASN-650204



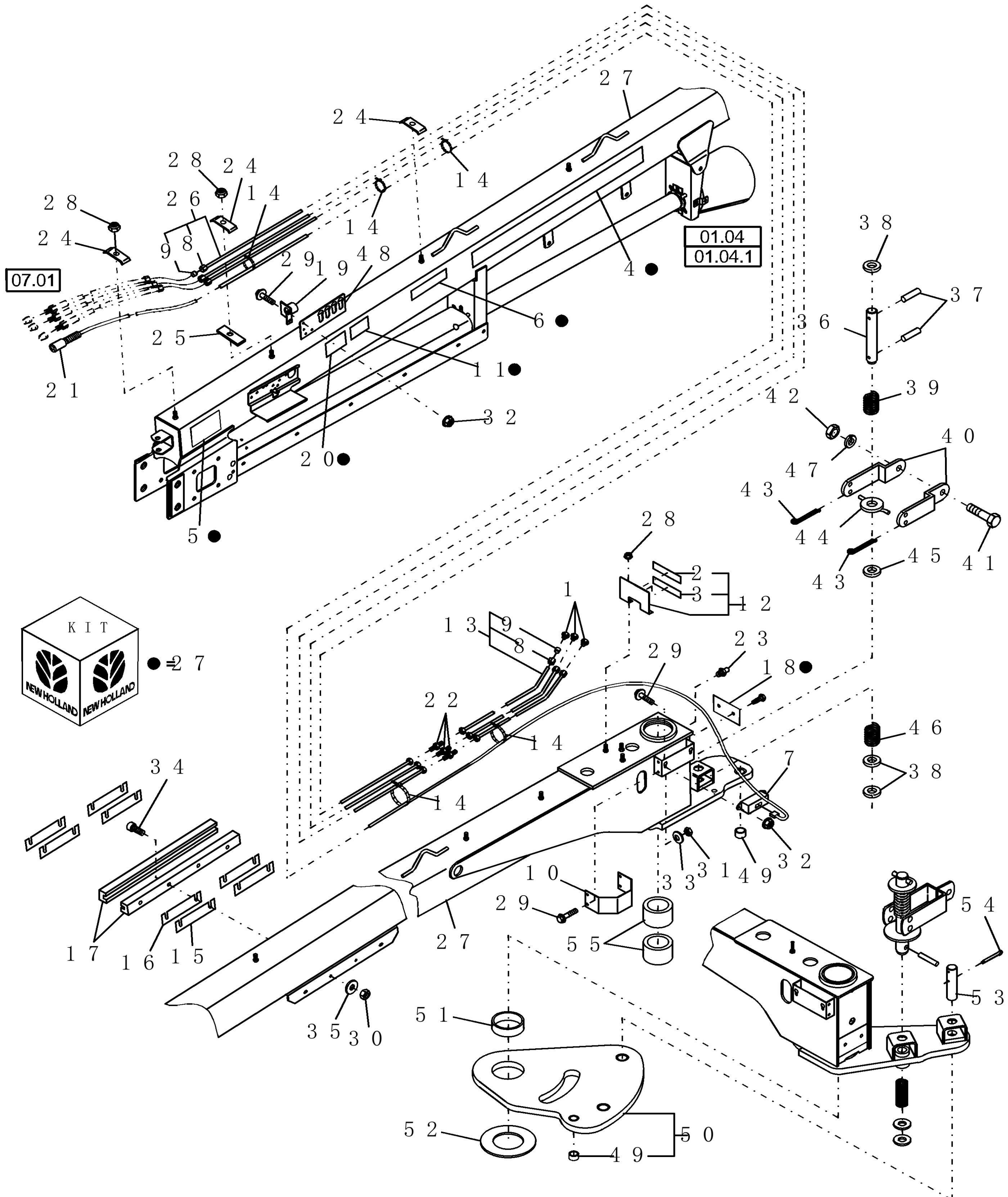
SWIVEL HITCH TONGUE, ASN-650204

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
18		782380		1	WARNING DECAL French, Engage Safety Lock...
19		9611467		1	HOLDER Plug Holder
20		86622073		1	WARNING DECAL
21		86560194		1	WIRE HARNESS Lights
22		128822		3	UNION 3/4" - 16 JIC x 3/4" - 16 JIC
23		87414		1	LUBE NIPPLE 1/4" - 28 NPT
24		86571694		9	CLAMP
25		765394		8	PAD 19.8mm ID x 31.8mm W x 101.6mm L
26		86538795		3	HYD TUBE 12.70 mm OD x 2805 mm L
27	1	86572843		1	TONGUE Swivel, Includes: Ref 4, 5, 6, 11, 18, 20, & 55
27	2,3	86979442		1	TONGUE Swivel, Includes: Ref 4, 5, 6, 11, 18, 20, & 55
27	4	87055792		1	TONGUE Swivel; Includes: Ref 4, 5, 6, 11, 18, 20, & 55
28		86521609		11	FLANGE NUT Flg, 3/8" - 16
29		86521550		8	BOLT Hex, 1/4" - 20 x 3/4", Gr 5
30		280736		8	LOCK NUT 5/16" - 18, Gr C
31		7770		4	NUT Hex, 1/4 - 20, Gr 5
32		9626558		4	FLANGE NUT Flg, 1/4" - 20
33		322357		4	BELLEVILLE WASHER M6 Bolt Size x 14mm OD x 1.3mm Thk
34		87032817		8	BOLT Cap, HSH, 5/16" x 1"
35		80664		8	WASHER 0.38" ID x 0.88" OD x 0.08" Thk
36	5	86533035		1	PIN W/ 3/16" Holes
36	6	86627559		1	PIN W/ 1/4" Holes; L = 9.4"

(1) **BSN 673583**
(2) **Used With Transporter**
(3) **BSN 673583 & 1191892**
(4) **From PIN 1191892**
(5) **BSN 657934**
(6) **ASN 657983**

12.05	1	p3	3/2020

SWIVEL HITCH TONGUE, ASN-650204



SWIVEL HITCH TONGUE, ASN-650204

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
36	1,2	86629641		1	PIN 31.75mm OD x 260mm L W/ 1/4" Holes; L = 10.24"
37	3	87578		2	LOCK PIN 3/16" x 1 3/4", Slotted
37	1	87343		2	LOCK PIN 6.35mm OD x 44.45mm L, Slotted
38		142656		AR	WASHER 33.35mm ID x 47.63mm OD x 3.43mm Thk 1-1/4"
39		35324		1	SPRING
40		690605		2	HANDLE
41		86521551		1	BOLT Hex, 5/16" - 18 x 1/2", Gr 5
42		86521605		1	FLANGE NUT 5/16" - 18, Gr 5
43		87394		2	COTTER PIN 1/8" x 1/2"
44		690607		1	ROD
45		696508		1	WASHER 33.3mm ID x 88.9mm OD x 3.43mm Thk
46		48176		1	SPRING
47		80681		1	LOCK WASHER 5/16" ID x 19/32" OD x 1/8" Thk
48		86564683		1	SUPPORT Hoses (Requires Welding)
49		787219		1	SLEEVE Cylinder Mount
50	4	86631781		1	PLATE
51	4	86568155		1	BUSHING
52	4	86568174		1	WASHER
53	4	86605649		1	PIN
54	4	87343		2	LOCK PIN 6.35mm OD x 44.45mm L, Slotted
55		86515632		2	DRIVE BUSHING 102.13mm ID x 114.25mm OD x 76.2mm L 4" (102mm) ID

(1) **ASN 657983**

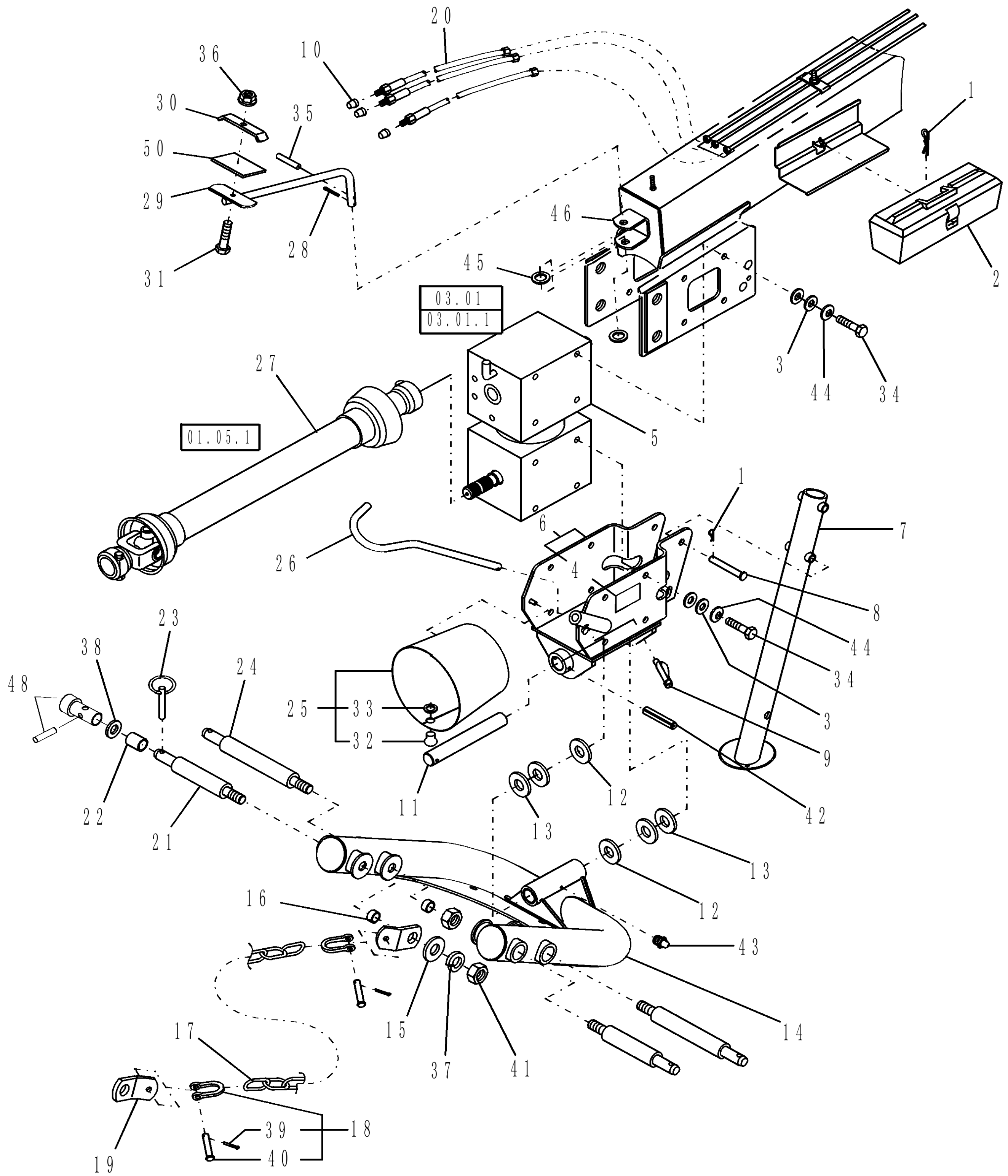
(2) **Transporter-Ready Part**

(3) **BSN 657934**

(4) **BTWN SN 673583 & 1191892**

12.06		p1	3/2020

2 POINT SWIVEL HITCH, ASN-650204



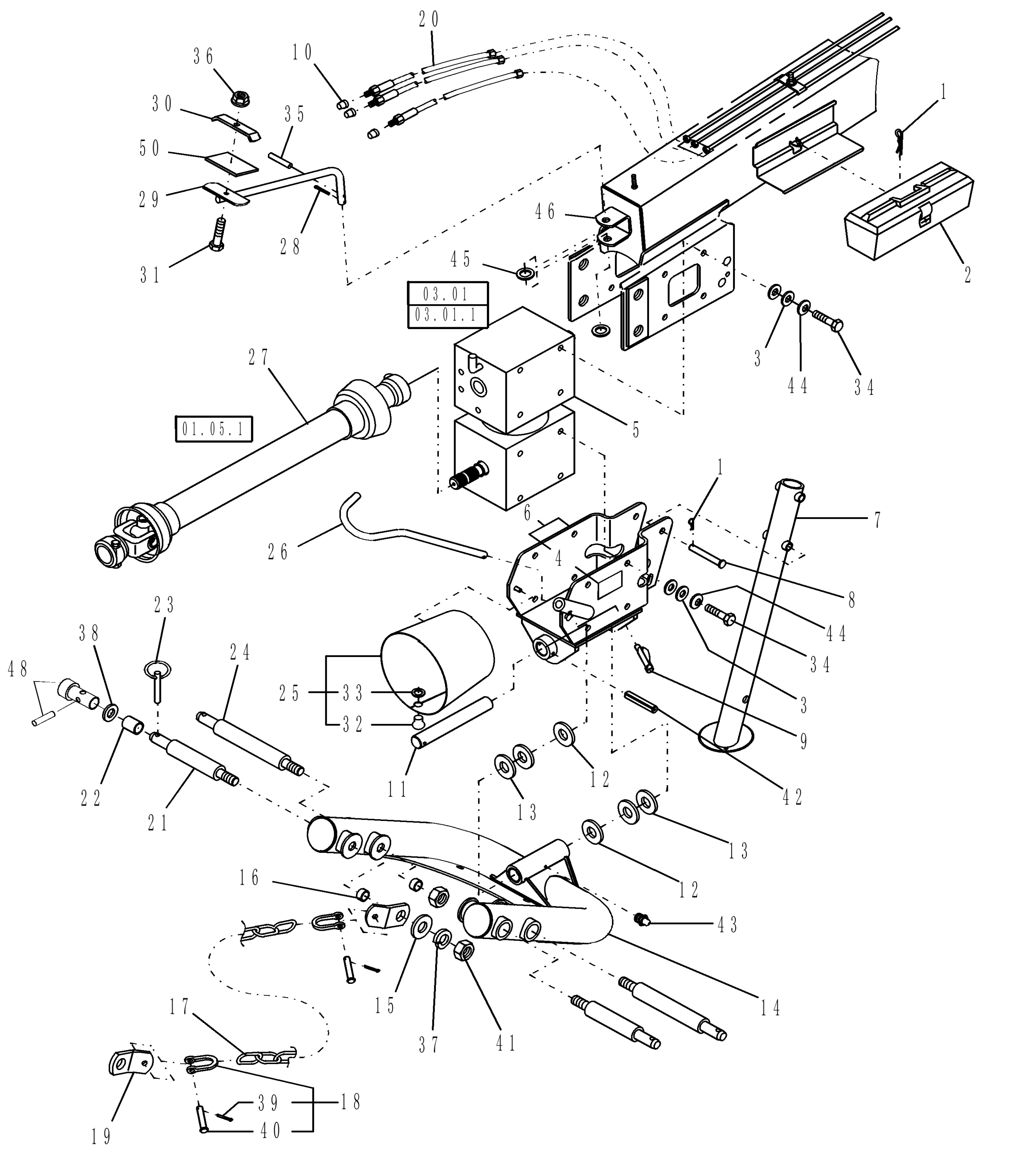
2 POINT SWIVEL HITCH, ASN-650204

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86627125		2	COTTER PIN 0.148" OD x 2.75" OAL, Internal
2		5135060		1	TOOL BOX
3		574245		32	WASHER 16.76mm ID x 50.8mm OD x 6.35mm Thk Hardened, Special, M16
4		86536919		1	DECAL Attention, Store Jack In Middle Of Tongue, English
4		86536920		1	DECAL Attention, Store Jack In Middle Of Tongue, French
4		86536921		1	DECAL Attention, Store Jack In Middle Of Tongue, Spanish
5	1	86592258		1	GEARBOX Swivel
5		86592258R		1	REMAN-GEARBOX GEARBOX Gearbox
5		86592258C		1	CORE-GEARBOX GEARBOX Return Number, Gearbox, Swivel
6		86587221		1	TRUNNION Includes: Ref. 4 & 47
7		86629921		1	SUPPORT
8		29851		2	PIN 15.87mm OD x 128.8mm L Clevis, 5/8" x 4-9/16", Yoke
9		647695		1	PIN 7.94mm OD x 69.85mm L Snap
10		116070		3	CAP Oil, Drain
11		86519423		1	PIN
12		233295		2	WASHER 38.48mm ID x 63.5mm OD
13		28691		4 A/R	WASHER 39mm ID x 60mm OD x 0.89mm Thk
14		86584119		1	FRAME Hitch
15		9801099		2	WASHER Hardened
16		612121		4	SPACER
17		9826529		2	CHAIN 799mm L
18		573120		4	SHACKLE Chain, Shackle, Includes: Ref. 39 & 40
19		86573217		4	CONNECTING LINK
20		86549016		3	HOSE 9.65 mm ID x 1727.2 mm

(1) Used On TONGUES ASN-639639, This Is The TONGUE Serial Number.

12.06		p2	3/2020

2 POINT SWIVEL HITCH, ASN-650204

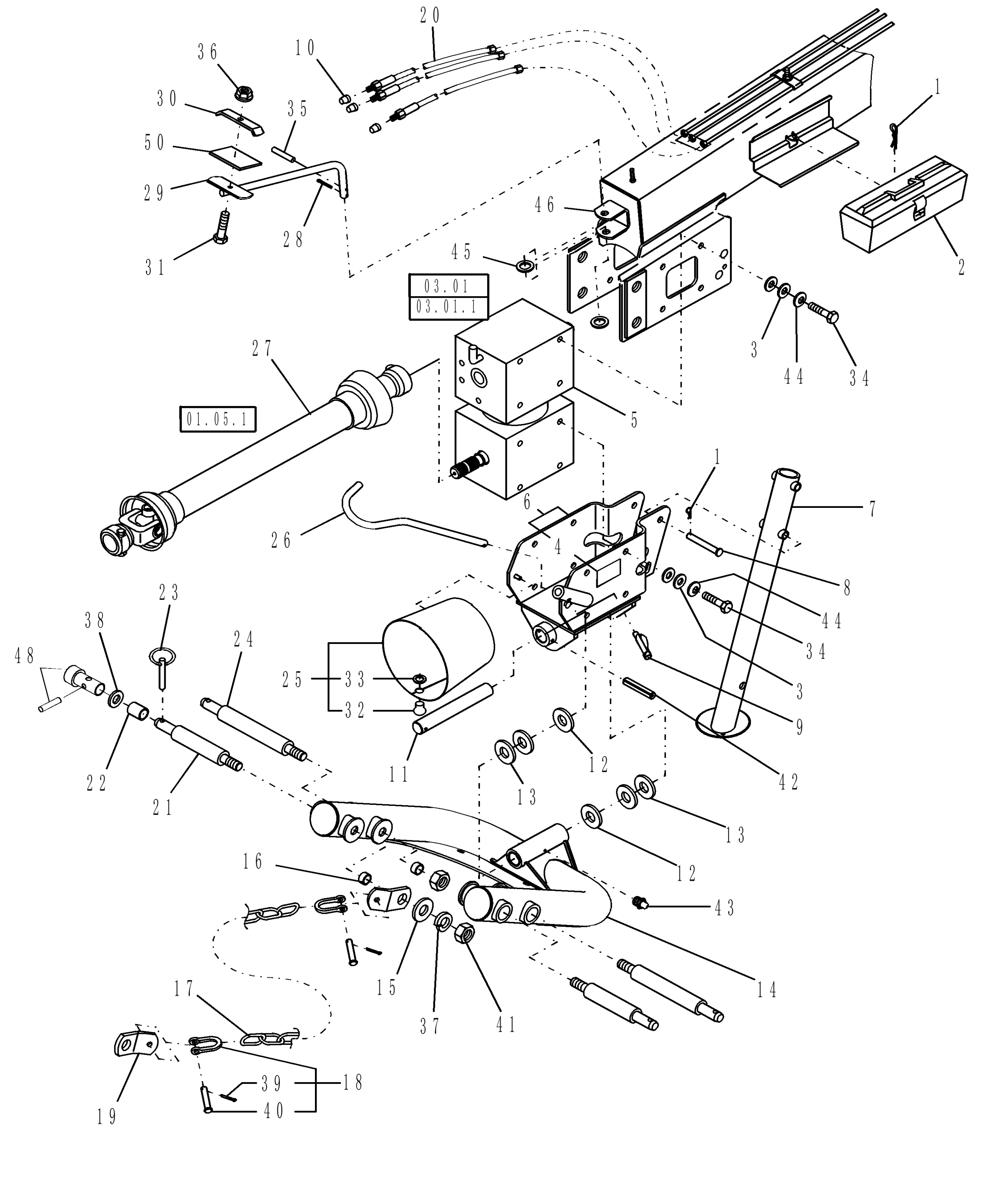


2 POINT SWIVEL HITCH, ASN-650204

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
21		86578389		2	PIN L = 12.46"
22		81846686		2	BUSHING 28.7mm ID x 36.7mm OD x 44.7mm L See Ref 48
23		132757		2	LINCH PIN 11.11mm OD x 44.45mm L See Ref 48
24		86578390		2	PIN L = 15.25"
25		86549399		1	SHIELD Includes: Ref. 32 & 33
26		86504288		1	SUPPORT
27		0C		1	ORDER COMPONENTS PTO, Swivel
28		87398		1	COTTER PIN 3/16" OD x 1-1/4" OAL
29		86595948		1	SUPPORT Includes: Ref. 50
30		86571694		1	CLAMP
31		87936		1	BOLT Hex, 3/8" - 16 x 2-1/2", Gr 5
32		86520136		3	RIVET Aluminum, .196" Dia
33		88055		3	WASHER 0.22" ID x 0.5" OD x 0.05" Thk
34		86604182		16	LOCK BOLT Spcl, Gr 5 Cap, HH, Special, G5, 5/8"-11 x 1-3/4"
35		80777		1	GROOVED PIN 3/16" x 1-1/4", Type A
36		86521609		1	FLANGE NUT Flg, 3/8" - 16
37		87342		2	LOCK WASHER 25.48mm ID x 42.06mm OD x 6.35mm Thk
38		790435		2	WASHER
39		80755		4	COTTER PIN 1/8" OD x 1" L
40		64162		4	CLEVIS PIN 12.6mm OD x 54.76mm L 1/2" x 2"
41		9849633		4	NUT 1" - 8, Gr 5
42		87948		1	LOCK PIN 7.94mm OD x 63.5mm L, Slotted
43		87414		1	LUBE NIPPLE 1/4" - 28 NPT
44		86589278		16	BELLEVILLE WASHER 17mm ID x 41.5mm OD x 4.5mm Thk
45		9706679		2	WASHER 0.8" ID x 1.25" OD x 0.14" Thk

12.06		p3	3/2020

2 POINT SWIVEL HITCH, ASN-650204

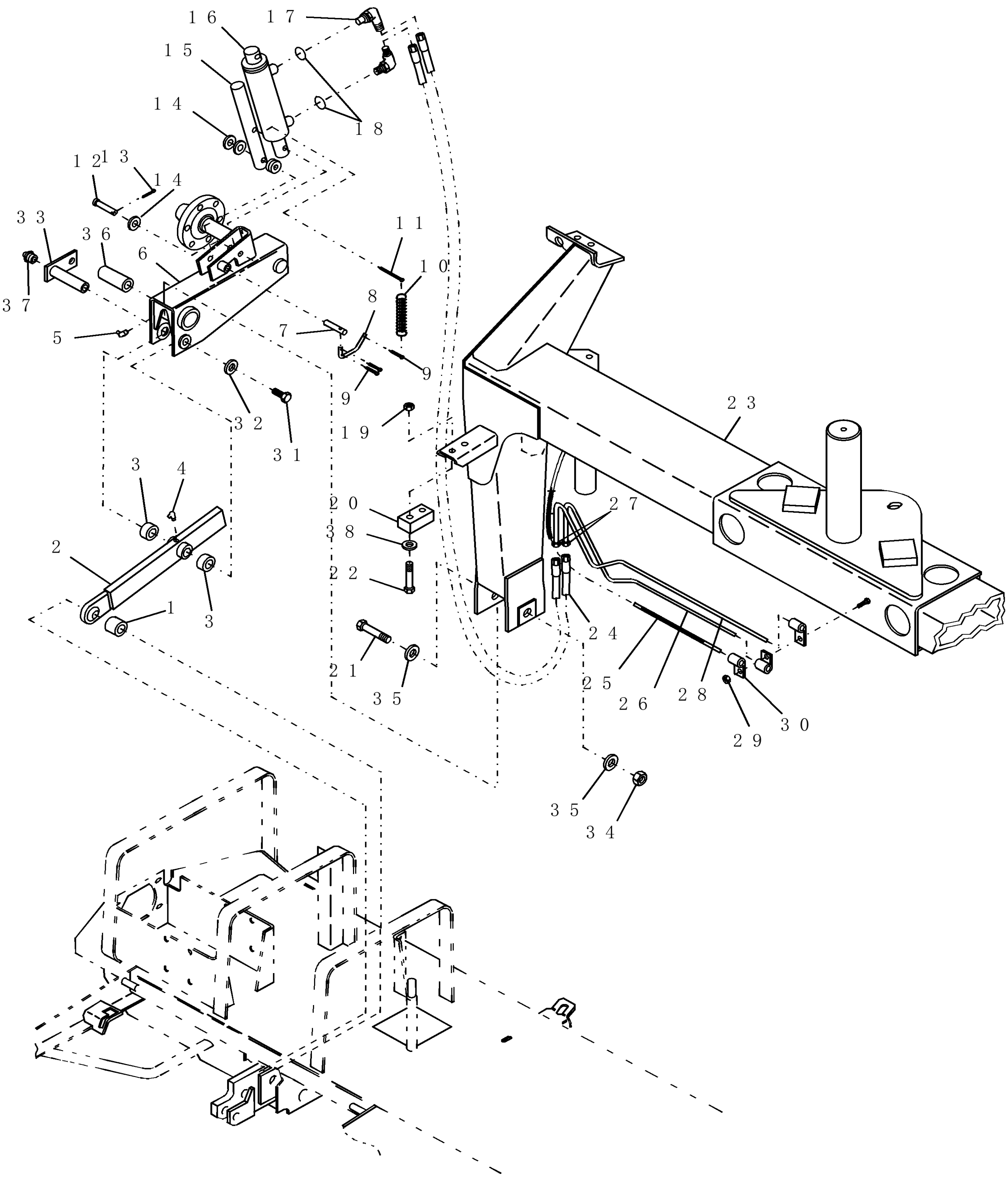


2 POINT SWIVEL HITCH, ASN-650204

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
46		86585606		AR	CLEVIS (Welding Required)
47		165109		1	DECAL Lube Fitting (Not Shown)
48		87298929		1	KIT Bushing Adapter, Includes: (2) Bushings & (2) Pins - Use in Place of Ref. 22 & 23 with Quick Hitch
49		853891		1	TAPE Tape, Black Vinyl Foam -

12.07		p1	3/2020

TRAILFRAME, RH



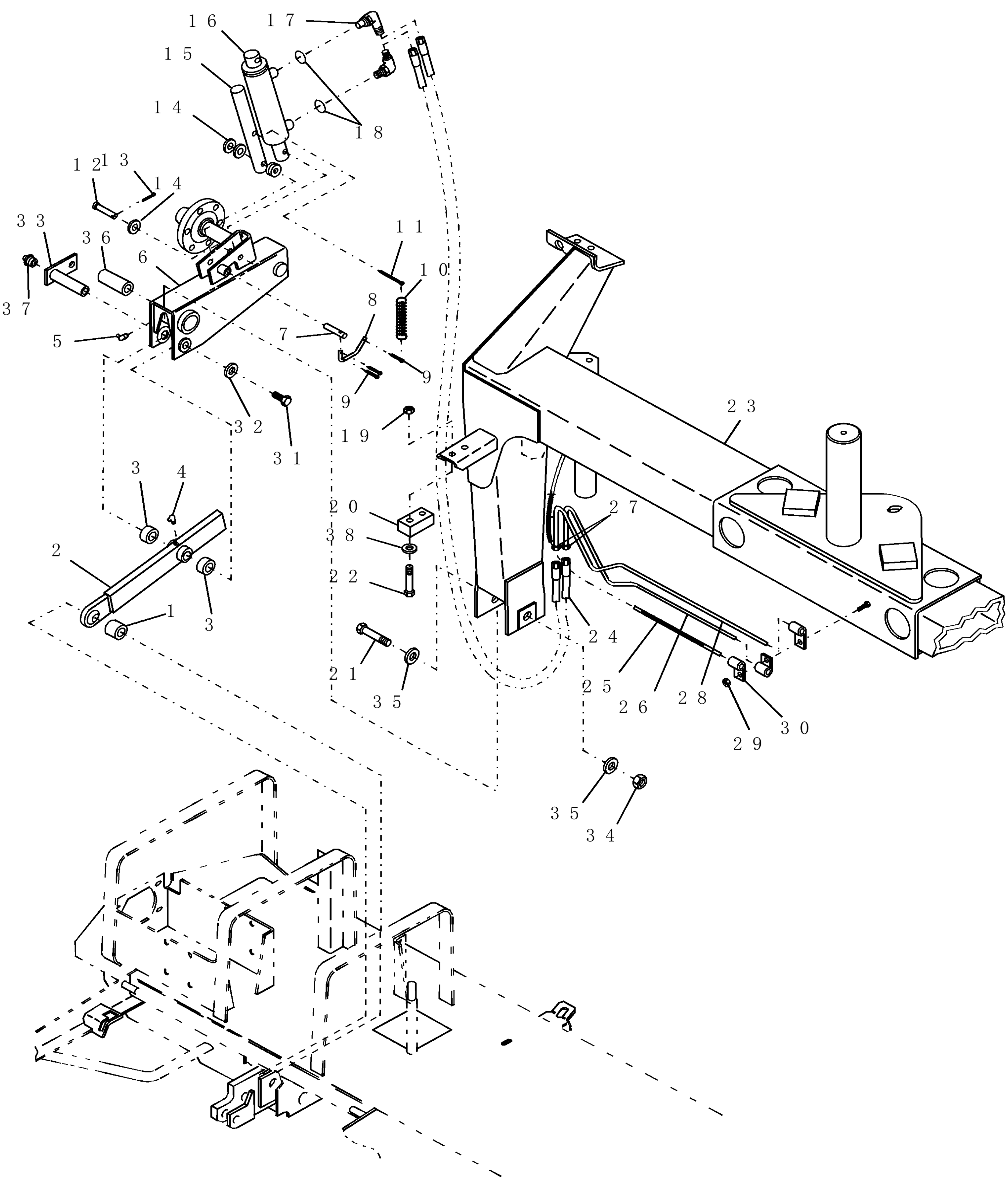
TRAILFRAME, RH

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86603645		1	SPACER
2	1	86522796		1	LIFT ARM Includes: Ref. 3
2	2	86607954		1	LIFT ARM Includes: Ref. 3
3		9611935		2	BUSHING 31.83mm ID x 39.115mm OD x 26.92mm L
4		87415		1	LUBE NIPPLE 90 Degree, 1/4" NPT x 3/4" L, Drive
5		87569		1	LUBE NIPPLE 45 Degree, 1/4" NPT x 4/5" L, Drive
6		NS		1	NOT SERVICED Hub And Spindle, RH, Refer to Fig. 11.01
7		86546360		1	PIN
8		86506426		1	ROD Latch
9		80756		3	COTTER PIN 1/8" x 3/4"
10		86539129		1	SPRING
11		87400		1	COTTER PIN 3/16" x 2"
12		86621467		1	PIN 15.77mm OD x 76.45mm L
13		80753		1	COTTER PIN 1/4" x 1-1/2"
14		87365		5	WASHER 0.66" ID x 1.31" OD x 0.1" Thk
15		86632240		1	ROD
16	3	86627757		1	HYDRAULIC CYLINDER Master, Refer to Fig. 07.02
16	4,5	87018067		1	HYDRAULIC CYLINDER Double Acting, 38.1mm Rod, 254mm Stroke Master, Monarch, Refer to Fig. 07.02
17		76344		2	90 ELBOW 9/16" - 18 JIC x 9/16" - 18 ORB Incl. Ref. 18

(1) **BSN 650209**
(2) **ASN 650209**
(3) **BSN 1190210**
(4) **Cylinder head will protrude beyond end of barrel**
(5) **ASN 1190210**

12.07		p2	3/2020

TRAILFRAME, RH



TRAILFRAME, RH

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
18		9617873		2	O-RING 0.078" Thk x 0.468" ID, -906, Cl 6, 90 Duro
19		86521610		2	FLANGE NUT Flg, 1/2" - 13
20		86519305		1	BUMPER
21		86534764		1	BOLT Hex, 1" - 8 x 8", Gr 8
22		86521617		2	BOLT Hex, 1/2" - 13 x 2", Gr 5
23	1,2	86568421		1	FRAME Trail
23	3,4,5	86615754		1	FRAME Trail, Includes: Decals
23	6	87055691		1	FRAME Trail, Includes: Decals
24		86539889		2	HOSE
25	7	86550047		1	WIRE HARNESS Lights
25	8	86560194		1	WIRE HARNESS Lights
26		86539896		1	HYD TUBE 12.70 mm OD Includes: Ref. 27
27		235671		2	SLEEVE 37 Degree, 1/2" Tube
27		129428		2	TUBE NUT 37 Degree, 3/4"-16, Type B
28		86539895		1	HYD TUBE 12.70 mm OD Includes: Ref. 27
29		86521609		AR	FLANGE NUT Flg, 3/8" - 16
30		86010402		AR	CLAMP 12.7mm, Coat, 10.3mm Bolt Hole, P Type
31		281074		1	BOLT Hex, 3/4" - 10 x 2-1/2", Gr 8
32		86516694		1	WASHER 19.4mm ID x 53.9mm OD x 6.3mm Thk
33		86632239		1	PIN 31.75mm OD x 125.5mm L
34		9849633		1	NUT 1" - 8, Gr 5

(1) **BSN 650209**

(2) **Service Part, Includes: Decals 705845 Danger (2 ea), Decal 86521471 NHSign (1 ea), & 86547782 Yel. Ref. Tape, (2 ea)**

(3) **Service Part, Includes: Decals 86624775 Warning (1), 86624774 Danger (2), 86598674 NH 75 (1), & 86547782 Tape, Yellow Retroreflective (2)**

(4) **Transporter-Ready Part**

(5) **BWTN SN 650209 & 1191893**

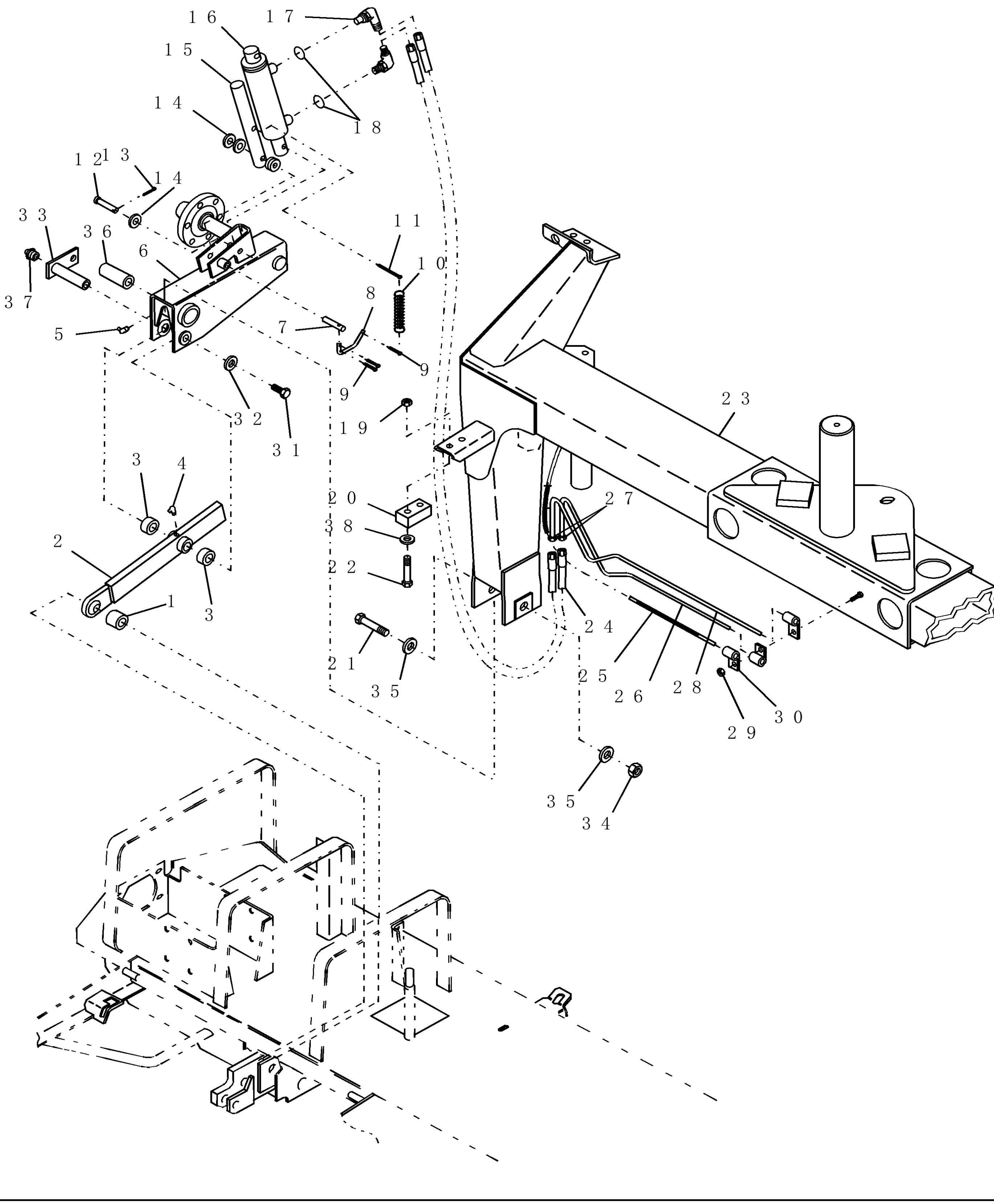
(6) **From 1191893**

(7) **BSN 638669**

(8) **ASN 638669**

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TRAILFRAME, RH

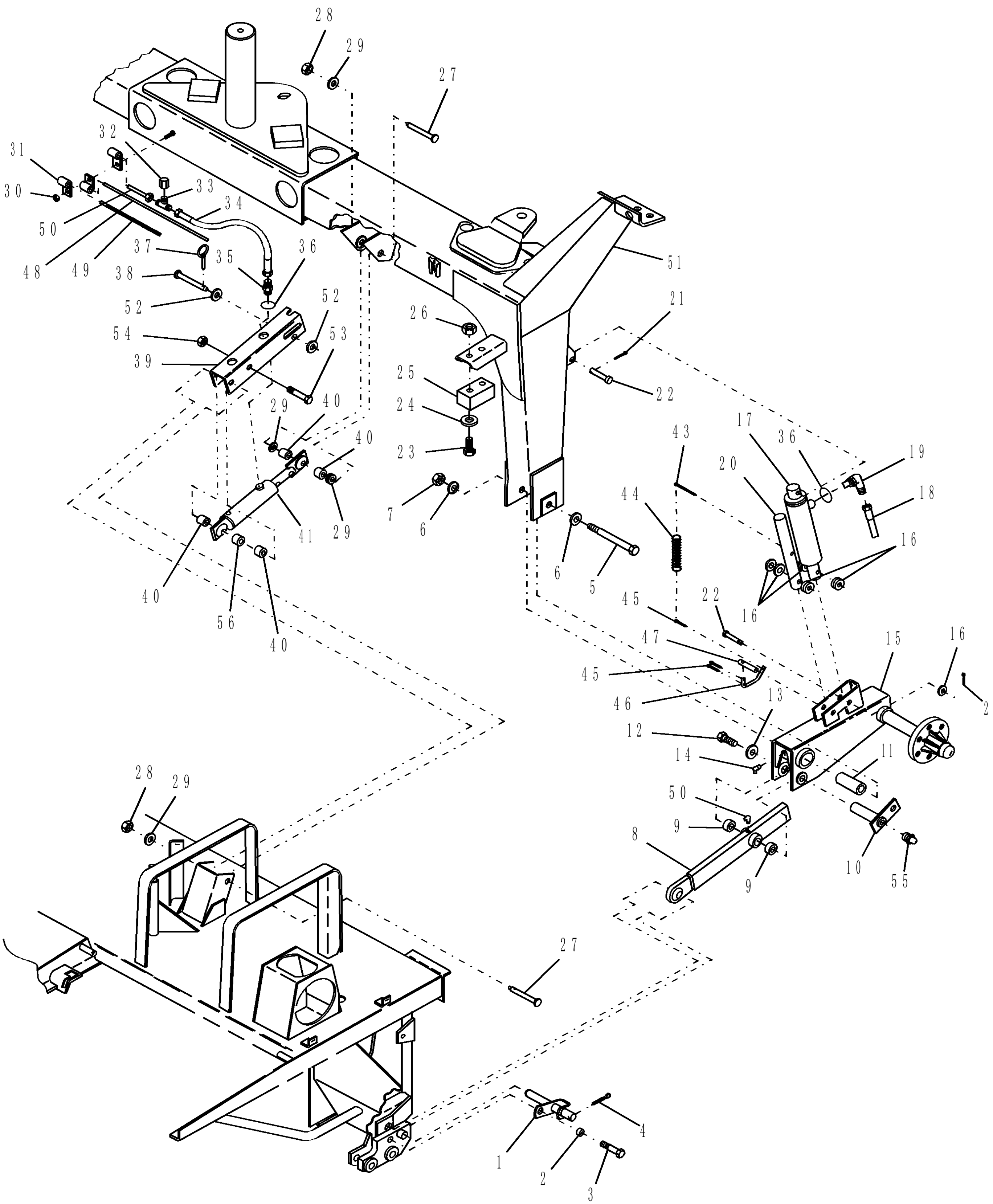


TRAILFRAME, RH

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
35		25769		2	WASHER 25.8mm ID x 49.21mm OD x 3.17mm Thk
36		86526469		1	SPACER
37		87414		1	LUBE NIPPLE 1/4" - 28 NPT
38		87364		2	WASHER 0.53" ID x 1.06" OD x 0.1" Thk

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TRAILFRAME, LH



TRAILFRAME, LH

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
		{}			
		{}			
1		86522799		1	PIN
2		167381		1	SPACER
3		86521614		1	BOLT Hex, 1/2" - 13 x 1-1/4", Gr 5
4		88182		1	COTTER PIN 1/4" OD x 2" L
5		86534764		1	BOLT Hex, 1" - 8 x 8", Gr 8
6		25769		2	WASHER 25.8mm ID x 49.21mm OD x 3.17mm Thk
7		9849633		1	NUT 1" - 8, Gr 5
8	1	86522796		1	LIFT ARM Includes: Ref. 9
8	2	86607954		1	LIFT ARM Includes: Ref 9
9		9611935		2	BUSHING 31.83mm ID x 39.115mm OD x 26.92mm L
10		86632239		1	PIN 31.75mm OD x 125.5mm L
11		86526469		1	SPACER
12		281074		1	BOLT Hex, 3/4" - 10 x 2-1/2", Gr 8
13		86516694		1	WASHER 19.4mm ID x 53.9mm OD x 6.3mm Thk
14		87569		1	LUBE NIPPLE 45 Degree, 1/4" NPT x 4/5" L, Drive
15		NS		1	NOT SERVICED Hub & Spindle, LH, Refer to Fig. 11.01
16		87365		9	WASHER 0.66" ID x 1.31" OD x 0.1" Thk
17	3	86627756		1	HYDRAULIC CYLINDER Slave, Refer To Fig. 07.03(1)
17		87573687R		1	REMAN-HYD CYLINDER 28.7mm Rod, 251.71mm Stroke 1431 (1/97-8/08), Reman for New P/N 86627756

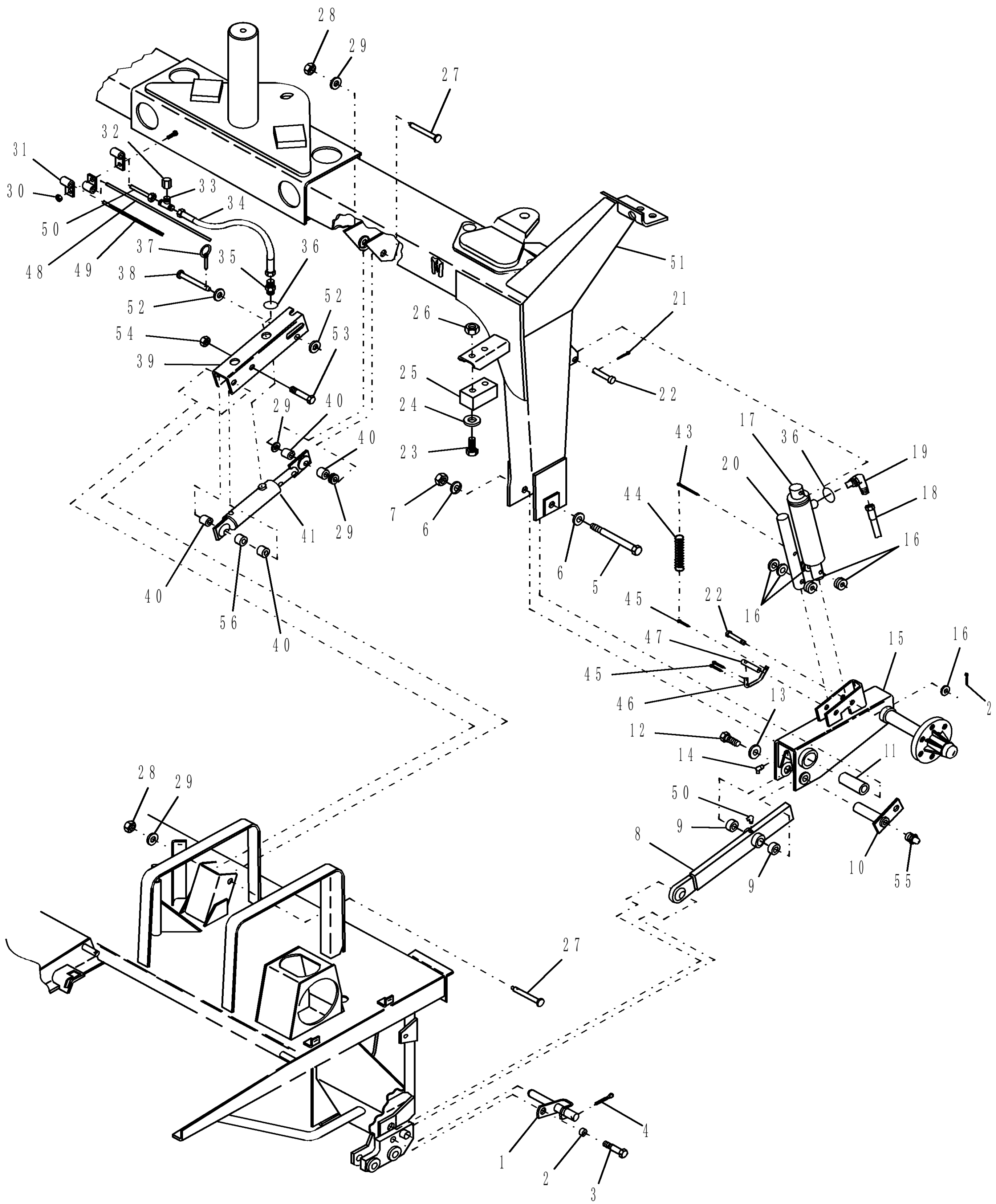
(1) **BSN 650209**

(2) **ASN 650209**

(3) **BSN 1190210**

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TRAILFRAME, LH



TRAILFRAME, LH

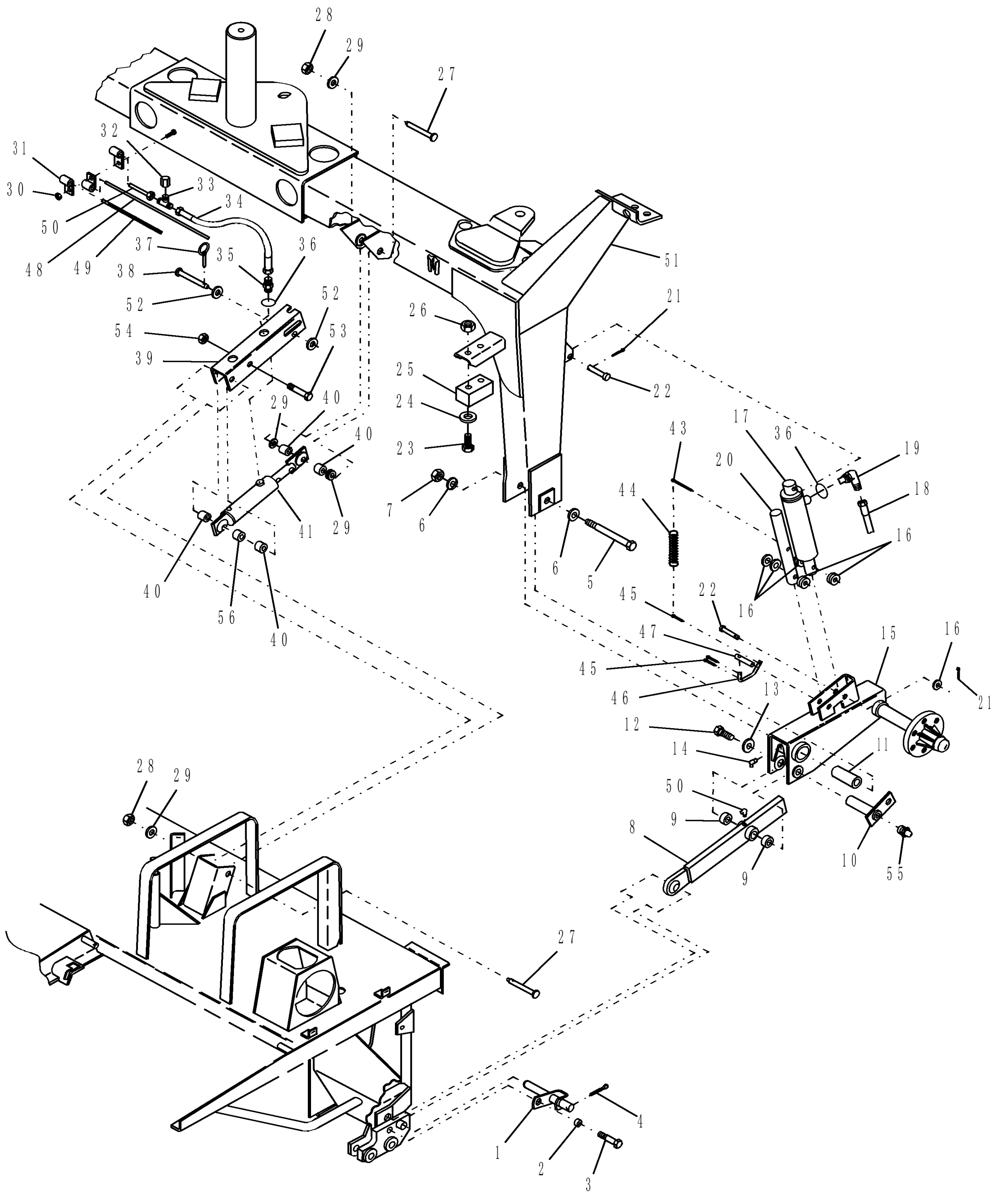
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
		87573687C			CORE-HYD CYLINDER 28.7mm Rod, 251.71mm Stroke Return Number
17	1,2	87573687		1	HYDRAULIC CYLINDER 28.7mm Rod, 251.71mm Stroke Cylinder, Slave, Monarch, Refer to Fig. 07.03(2)
		87573687R		1	REMAN-HYD CYLINDER 28.7mm Rod, 251.71mm Stroke 1431 (1/97-8/08)
		87573687C			CORE-HYD CYLINDER 28.7mm Rod, 251.71mm Stroke Return Number
17		87573687R		1	REMAN-HYD CYLINDER 28.7mm Rod, 251.71mm Stroke 1431 Pivot Tongue (1/97-8/08), ASN 1190211, N.A. Only
		87573687C			CORE-HYD CYLINDER 28.7mm Rod, 251.71mm Stroke Return Number, For N.A. Only
18		86539889		1	HOSE
19		76344		1	90 ELBOW 9/16" - 18 JIC x 9/16" - 18 ORB Incl. Ref. 36
20		86632240		1	ROD
21		80753		2	COTTER PIN 1/4" x 1-1/2"
22		86621467		2	PIN 15.77mm OD x 76.45mm L
23		86521617		2	BOLT Hex, 1/2" - 13 x 2", Gr 5
24		87364		2	WASHER 0.53" ID x 1.06" OD x 0.1" Thk
25		86519305		1	BUMPER
26		86521610		2	FLANGE NUT Flg, 1/2" - 13
27		86508734		2	BOLT Hex, 3/4" - 10 x 5-1/2", Gr 8
28		280375		2	NUT 3/4" - 10, Gr C
29		322359		2	BELLEVILLE WASHER
30		86521609		AR	FLANGE NUT Flg, 3/8" - 16
31		86010402		AR	CLAMP 12.7mm, Coat, 10.3mm Bolt Hole, P Type
32		262159		1	CAP 3/4" - 16 Fem JIC

(1) Cylinder head will protrude beyond end of barrel

(2) ASN 1190210

12.08		p3	3/2020

TRAILFRAME, LH



TRAILFRAME, LH

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
33		128996		1	TEE 3/4" - 16 JIC x 3/4" - 16 JIC x 3/4" - 16 JIC
34		86539893		1	HOSE 9.65 mm ID x 571.5 mm
35		76350		1	HYD CONNECTOR 9/16" - 18 ORB x 9/16" - 18 JIC
36		9617873		2	O-RING 0.078" Thk x 0.468" ID, -906, Cl 6, 90 Duro
37		270184		1	LINCH PIN 6.35mm OD 1/4" x 1-3/4"
38		86510381		1	PIN
39		86555719		1	CHANNEL Tilt, Kit
39	1	86549560		1	CHANNEL Tilt, 3-3/8" High
39	2	86592334		1	CHANNEL Tilt, 3-7/8" High
40		708554		4	HUB 1.05"/1.11" L
40	2	86599380		4	SPACER For Round Ended Cylinders, 15/16" L
41		86632808		1	HYDRAULIC CYLINDER Tilt, Square Ends, Refer to Fig. 07.04
		87394809R		1	REMAN-HYD CYLINDER 31.75mm Rod, 103.63mm Stroke 1431 (1/97-8/08), REMAN FOR NEW P/N 86632808
	1	87394809C			CORE-HYD CYLINDER 31.75mm Rod, 103.63mm Stroke Return Number
41		86627758		1	HYDRAULIC CYLINDER Tilt, Rounded Ends, Refer to Fig. 07.04
		87394809R		1	REMAN-HYD CYLINDER 31.75mm Rod, 103.63mm Stroke 1431 (1/97-8/08), REMAN FOR NEW P/N 86627758
	3	87394809C			CORE-HYD CYLINDER 31.75mm Rod, 103.63mm Stroke Return Number
41		87394809		1	HYDRAULIC CYLINDER 31.75mm Rod, 103.63mm Stroke Tilt, Monarch, Refer to Fig. 07.04

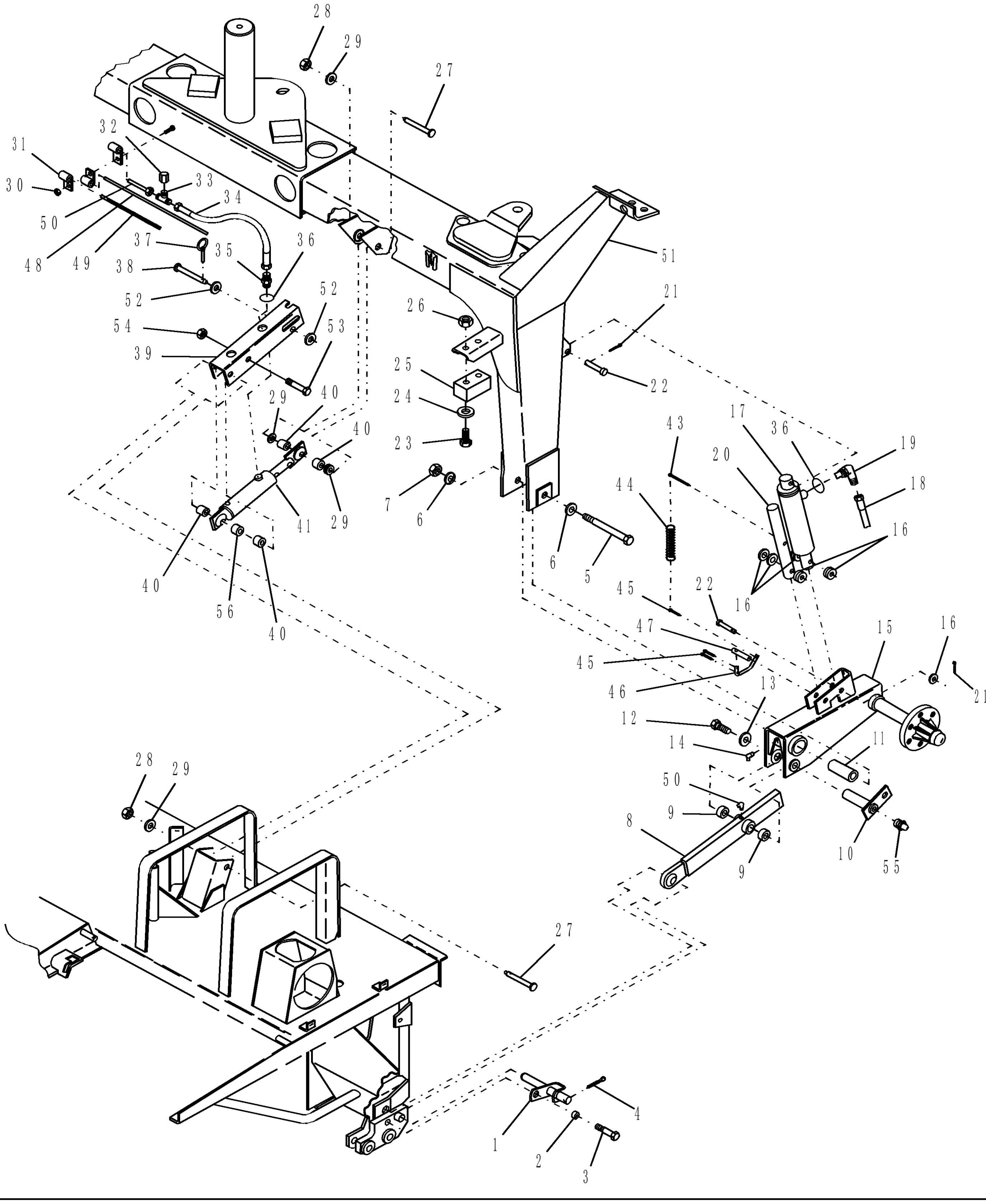
(1) **BSN 650209**

(2) **ASN 650209**

(3) **ASN 650209, BSN 1190145**

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TRAILFRAME, LH



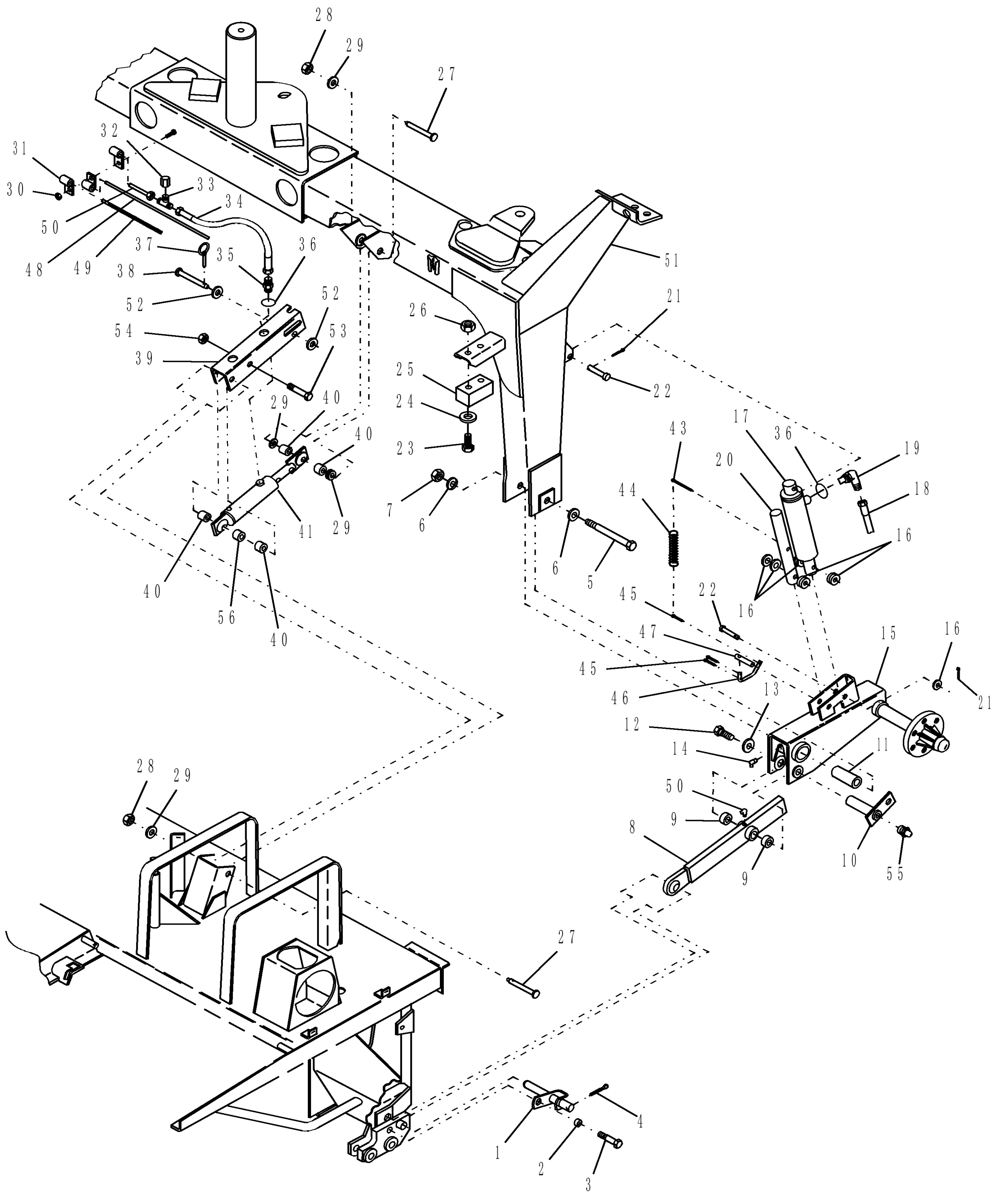
TRAILFRAME, LH

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
		87394809R		1	REMAN-HYD CYLINDER 31.75mm Rod, 103.63mm Stroke 1431 (1/97-8/08)
	1,2	87394809C			CORE-HYD CYLINDER 31.75mm Rod, 103.63mm Stroke Return Number
43		87400		1	COTTER PIN 3/16" x 2"
44		86539129		1	SPRING
45		80756		3	COTTER PIN 1/8" x 3/4"
46		86506426		1	ROD Latch
47		86546360		1	PIN
48		86539896		1	HYD TUBE 12.70 mm OD Includes: Sleeve & Nut
48		235671		2	SLEEVE 37 Degree, 1/2" Tube
48		129428		2	TUBE NUT 37 Degree, 3/4"-16, Type B
49	3	86550047		1	WIRE HARNESS Lights
49	4	86560194		1	WIRE HARNESS Lights
50		87415		1	LUBE NIPPLE 90 Degree, 1/4" NPT x 3/4" L, Drive
51	5,6	86568421		1	FRAME Trail
51	7,8	86615754		1	FRAME Trail, Includes: Decals
51	9	87055691		1	FRAME Trail, Includes: Decals
52		87381		2	WASHER 0.81" ID x 1.47" OD x 0.13" Thk
53		86507008		1	BOLT Hex, 5/16" - 18 x 3-1/2", Gr 5
54		9823743		1	FLANGE NUT Flg, 5/16" - 18
55		87414		1	LUBE NIPPLE 1/4" - 28 NPT

(1) Cylinder head will protrude beyond end of barrel
(2) ASN 1190145
(3) BSN 638669
(4) ASN 638669
(5) BSN 650209
(6) Service Part, Includes: Decals 705845 Danger (2 ea), Decal 86521471 NHSign (1 ea), & 86547782 Yel. Ref. Tape, (2 ea)
(7) Service Part, Includes: Decals 86624775 Warning (1), 86624774 Danger (2), 86598674 NH 75 (1), & 86547782 Tape, Yellow Retroreflective (2)
(8) BWTN SN 650209 & 1191893
(9) From 1191893

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TRAILFRAME, LH



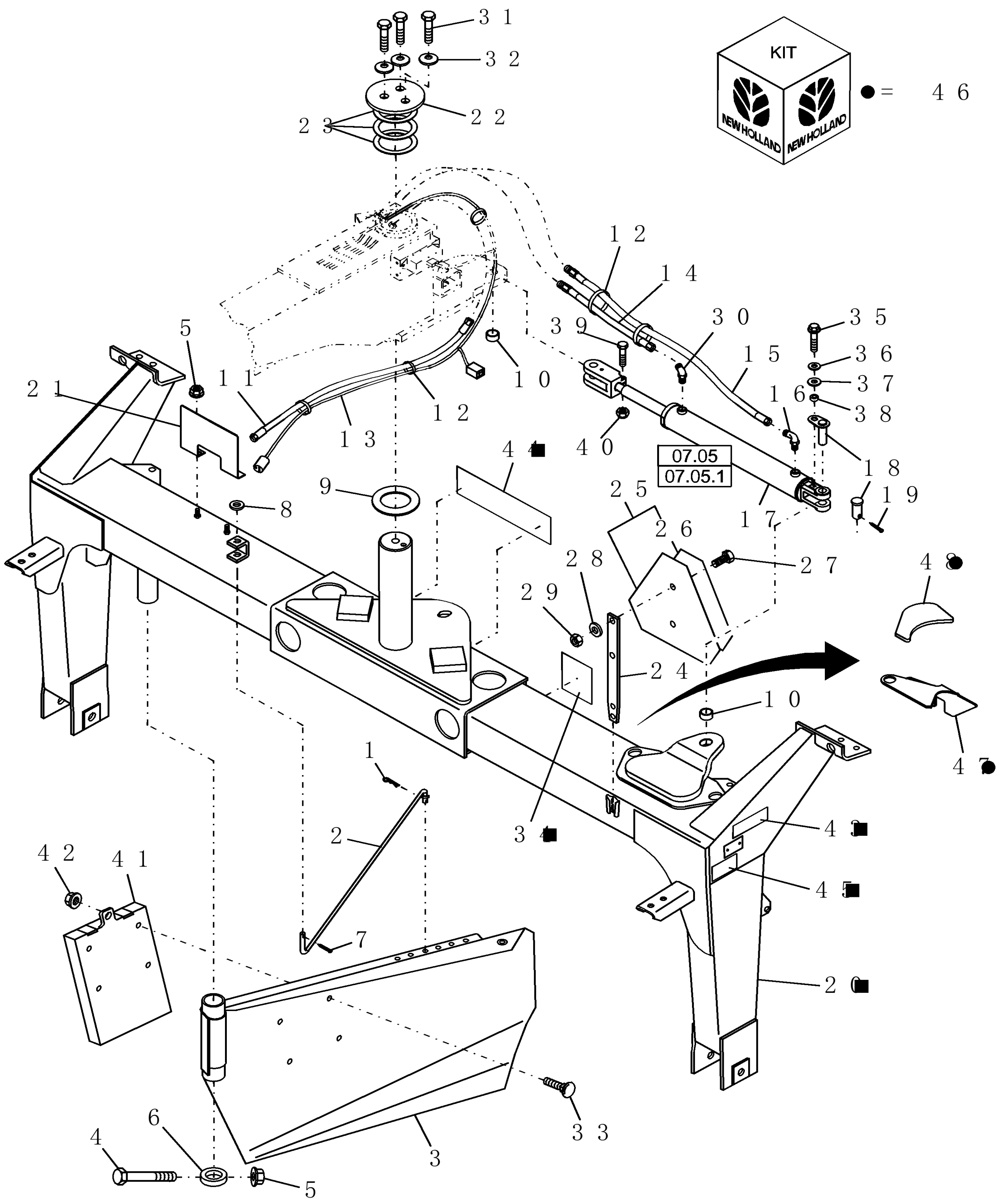
TRAILFRAME, LH

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
56	1	87033961		2	BUSHING For Round Ended Cylinders

(1) ASN 650209

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TRAILFRAME, REAR



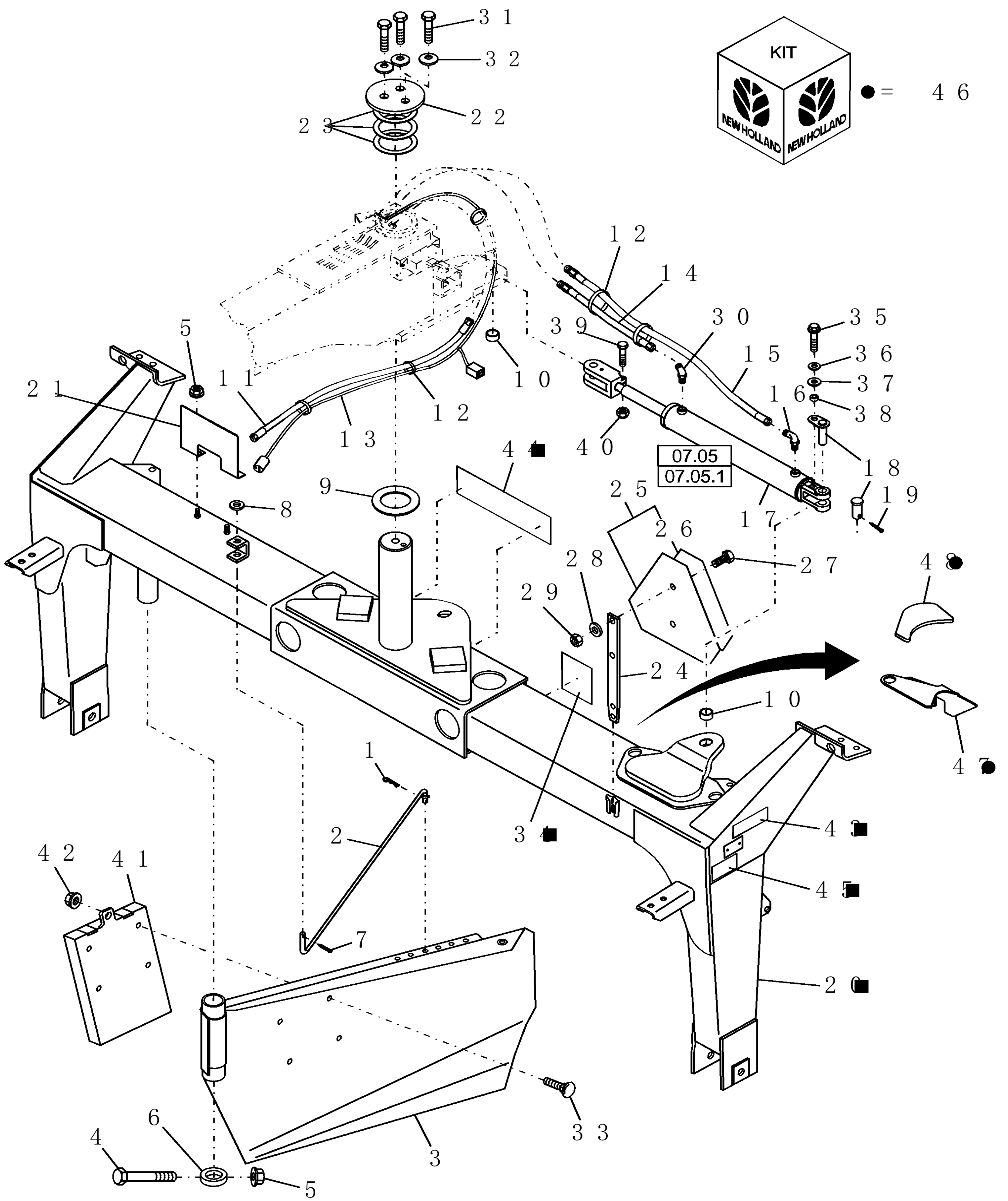
TRAILFRAME, REAR

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86627125		2	COTTER PIN 0.148" OD x 2.75" OAL, Internal
2		86506511		2	ADJUSTMENT ROD
3		86604243		1	SHIELD RH
3		86604244		1	SHIELD LH
4		88959		2	BOLT Hex, 3/8" - 16 x 3-1/2", Gr 5
5		86521609		AR	FLANGE NUT Flg, 3/8" - 16
6		86545693		2	COLLAR
7		394818		2	COTTER PIN M5 x 25
8		87364		AR	WASHER 0.53" ID x 1.06" OD x 0.1" Thk
9	1	86510727		1	WASHER Nylon, 170 mm o.d.
9	2	86568174		1	WASHER Nylon, 210 mm o.d.
10		787219		2	SLEEVE Cylinder Mount, (Part Of Trailframe)
11		86539892		1	HOSE 9.65 mm ID x 1003.3 mm
12		263117		3	CABLE TIE 292.1mm L, Nylon, Black
13		86560194		1	WIRE HARNESS Lights
14		86539890		1	HOSE
15		86539891		1	HOSE
16		76344		2	90 ELBOW 9/16" - 18 JIC x 9/16" - 18 ORB
17	3	86594405		1	HYDRAULIC CYLINDER Swing, Refer to Fig. 07.05
17	4	86603701		1	HYDRAULIC CYLINDER Swing, Refer to Fig. 07.05-1
17	5	86630071		1	HYDRAULIC CYLINDER Swing, Refer to Fig. 07.05-2

(1) **BSN 1190276**
(2) **ASN 1190276**
(3) **BSN 641955**
(4) **ASN 641955**
(5) **ASN 657983**

12.09		p2	3/2020

TRAILFRAME, REAR



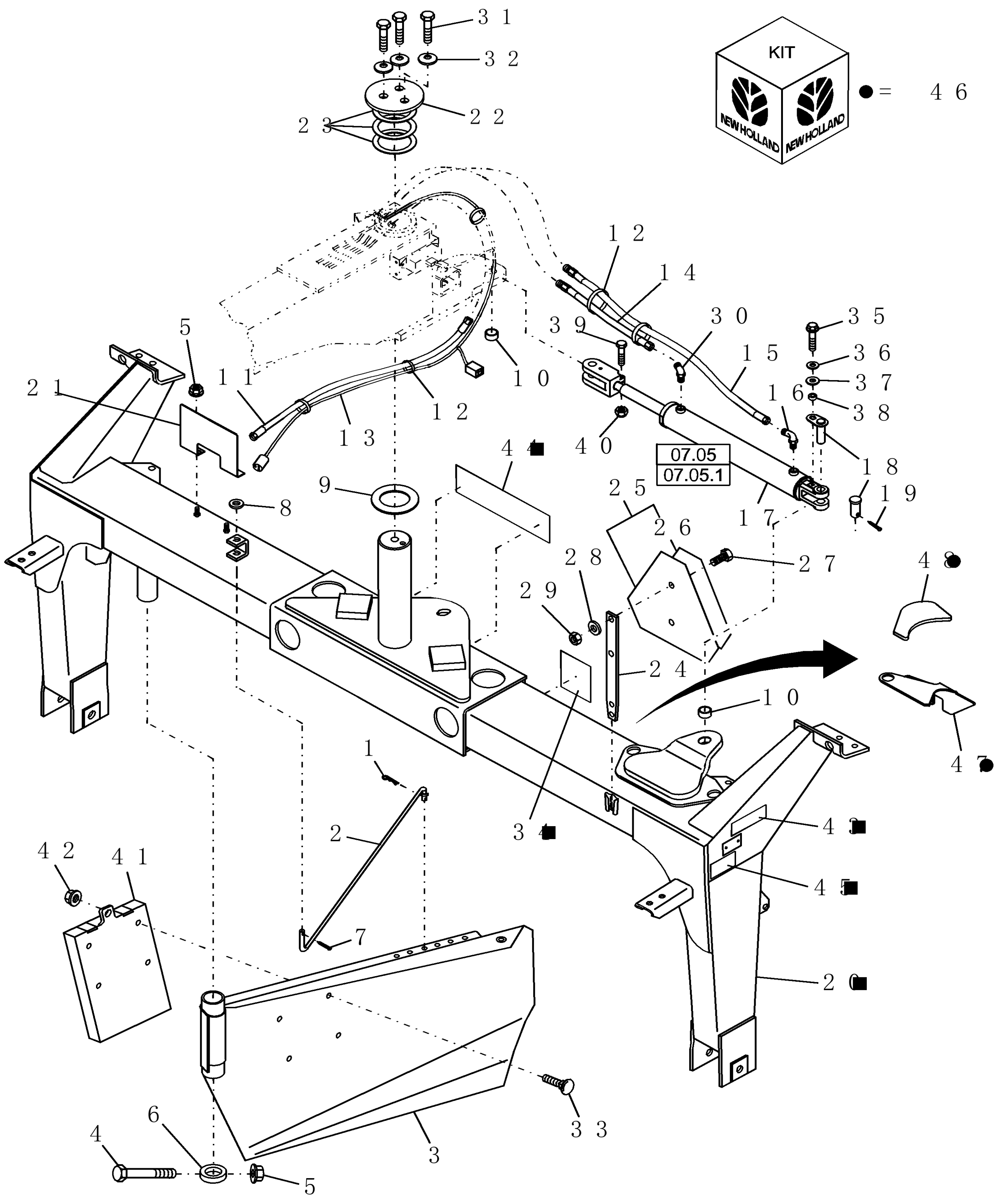
TRAILFRAME, REAR

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
		87515542R		1	REMAN-HYD CYLINDER Double Acting, 38.1mm Rod, 484.38mm Stroke 1431 (1/97-8/08), Reman for New P/N 86630071
		87515542C			CORE-HYD CYLINDER Double Acting, 38.1mm Rod, 484.38mm Stroke Return Number
18	1	514112		2	PIN Clevis, 1" x 2-3/4" L (Old Style Cylinders)
18	2	86594366		2	PIN Clevis, 4" L (Old Style Cylinders)
18	3	86603686		2	PIN 25.4mm OD x 90mm L Clevis, W/ Tab
19	4	80754		2	COTTER PIN 3/16" OD x 1-1/2" OAL
20	4	86568421		1	FRAME Trail, No Longer Available
20	5,6	86615754		1	FRAME Trail, Includes: Ref. 34, 43, 44, & 45
20	7	87055691		1	FRAME Trail; Includes: Decals
21		86574272		1	ANGLE
22		86593896		1	WASHER Special, 1 Hole
22		86593896		1	WASHER 2 Holes
22		86627704		1	PLATE 3 Holes
23		86510725		AR	WASHER
24		86535159		1	ARM SMV, Spade
25		86547710		1	EMBLEM KIT SMV, Includes: Ref. 26
26		86547711		1	DECAL SMV SMV
27		84821		2	SCREW Truss HD, #10 - 24 x 1/2"
28		80684		2	LOCK WASHER 4.9mm ID x 8.48mm OD x 1.19mm Thk
29		87304		2	NUT #10-24

(1) **BSN 636431**
(2) **ASN 636431 To 641955**
(3) **ASN 641955**
(4) **BSN 641955**
(5) **Transporter-Ready Part**
(6) **BTWN 641955 & 1191892**
(7) **From 1191892**

12.09		p3	3/2020

TRAILFRAME, REAR



TRAILFRAME, REAR

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
30		330346		1	45 ELBOW 45 Degree, 9/16"-18, 37 Degree x 9/16"-18, O-Ring
31		86521614		AR	BOLT Hex, 1/2" - 13 x 1-1/4", Gr 5
32		86513238		AR	LOCK WASHER .515” ID x 1.070” OD x .120” Thk Belleville, 1/2"
33		88715		AR	CARRIAGE BOLT Sq Nk, 1/4" - 20 x 1/2", Gr 5, Full Thd
34		86624775		1	WARNING DECAL Machine Can Throw Stones - English
35		86521613		2	BOLT Hex, 3/8" - 16 x 1", Gr 5
36		140045		2	BELLEVILLE WASHER 10mm ID x 22mm OD x 1.6mm Thk
37		285072		2	WASHER 10.3mm ID x 22.2mm OD x 2.7mm Thk (3/8")
38		103060		2	BUSHING 9.85mm ID x 15.95mm OD x 7.1mm Thk
39		9706689		1	BOLT Hex, 3/8" - 16 x 1-3/4", Gr 5
40		88902		1	NUT 3/8" - 16, Gr C
41		86613674		1	CASE Manual
42		9626558		4	FLANGE NUT Flg, 1/4" - 20
43		86547782		2	DECAL Tape, Yellow Reflective Tape, Yellow, Retroreflective
44		86598674		1	DECAL NEW HOLLAND, 3" x 20"
45		86624774		2	DANGER DECAL Header May Fall Rapidly (Left Side Shown)
45		86625174		2	DANGER DECAL DANGER, French
46	1	87018387		AR	REPAIR KIT Trailframe, Includes: Ref. 47 & 48
47		NSS		AR	NOT SOLD SEPARAT Reinforcement
48		NSS		AR	NOT SOLD SEPARAT Flat
48		NSS		AR	NOT SOLD SEPARAT Reinforcement

(1) BSN 641955

12.10	1	p1	3/2020

WHEEL BEARING KIT



WHEEL BEARING KIT

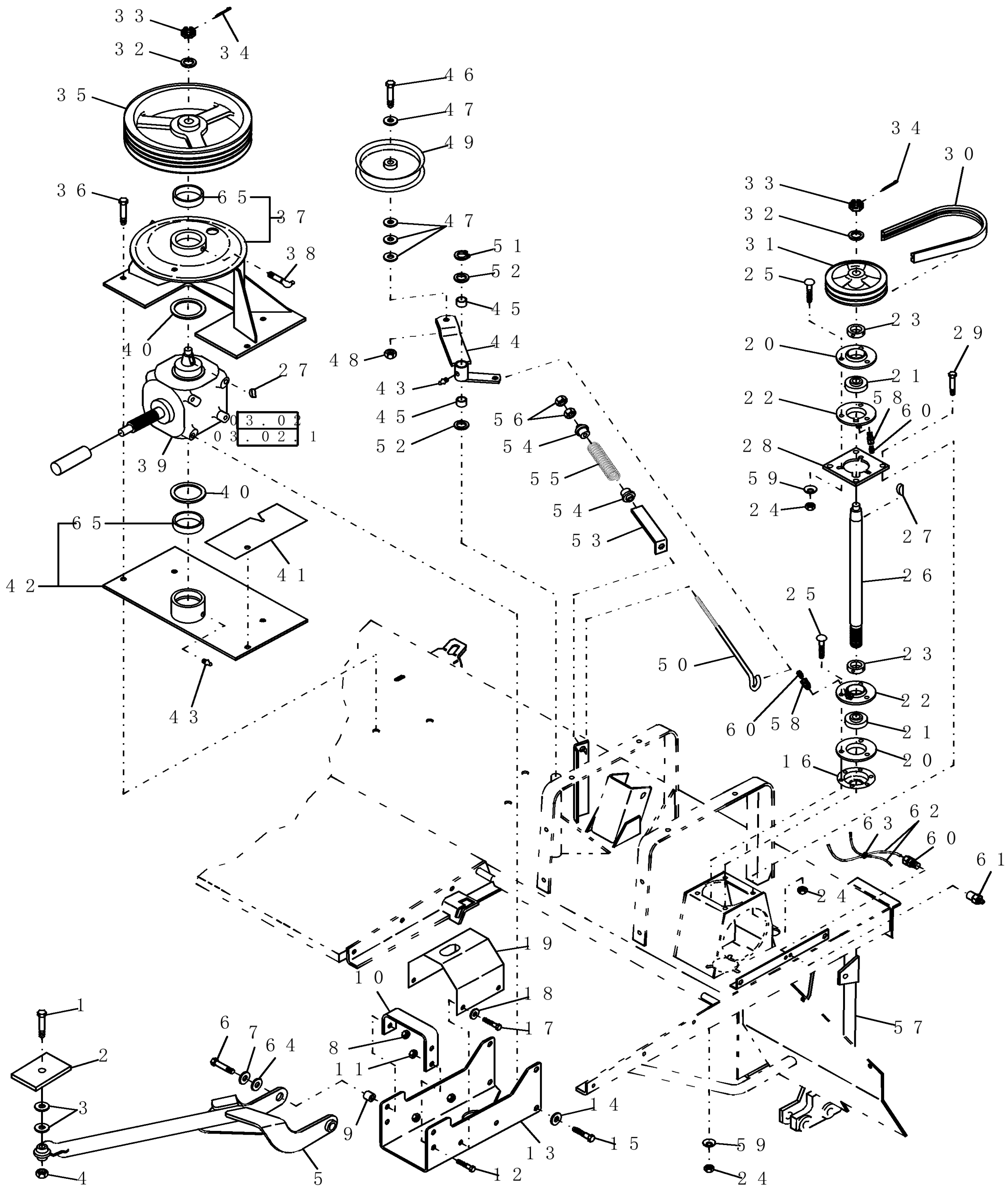
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87298554		1	KIT WHEEL BEARING KIT
2		249130		1	HUB CAP
3		86980337		1	BEARING CUP 59.13mm OD x 11.81mm W
4		36726		1	BEARING CONE 31.75mm ID x 16.76mm W
4		84356153GV		1	BEARING Value
5		36727		1	OIL SEAL 38.1mm ID x 59.28mm OD x 13.11mm Thk
6		574809		1	BEARING CONE 21.98mm ID x 16.64mm W
7		574810		1	BEARING CUP 45.26mm OD x 12.06mm W
8		80011438		1	WASHER 19.45mm ID x 34.9mm OD x 2.59mm Thk
9		87398		1	COTTER PIN 3/16" OD x 1-1/4" OAL
10		88886		1	SLOTTED NUT 3/4"-16

SECTION INDEX

CROP CUTTING

14.01		p1	3/2020

HEADER DRIVE, LEFT SIDE



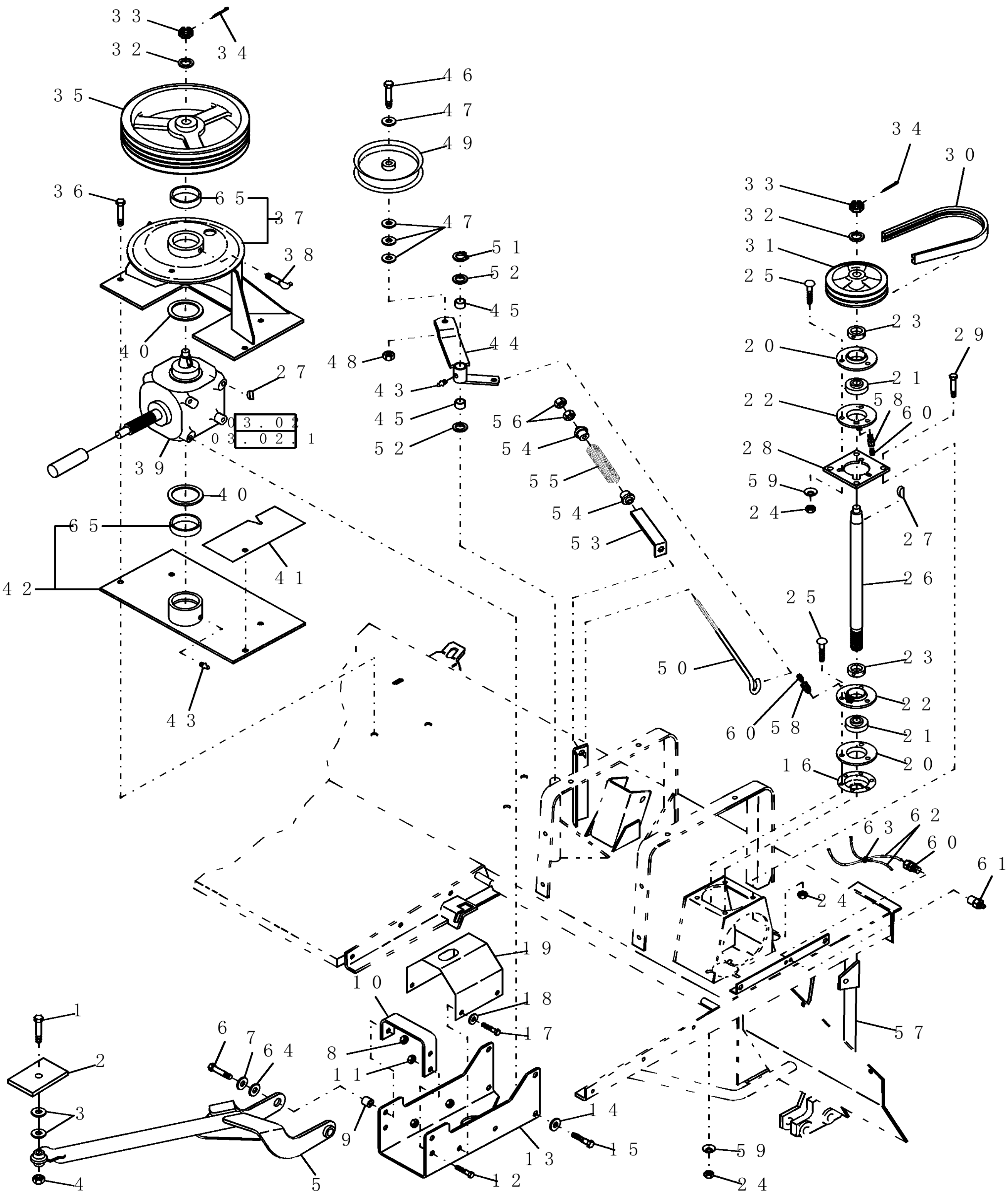
HEADER DRIVE, LEFT SIDE

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86977759		1	BOLT Hex, 3/4" - 10 x 3-1/2", Gr 5
2		86538355		1	SPACER
3		87381		2	WASHER 0.81" ID x 1.47" OD x 0.13" Thk
4		280375		1	NUT 3/4" - 10, Gr C
5		86620449		1	TUBE 1243.60 mm L
6		87975		2	BOLT Hex, 1/2" - 13 x 2 1/4", Gr 5
7		695335		2	WASHER 12.95mm ID x 37.59mm OD x 4.75mm Thk HT, 35/64" I.D. x 3/16" Thk
8		86521610		2	FLANGE NUT Flg, 1/2" - 13
9		86631384		1	SPACER
10	1	86524206		1	BRACKET
10	2	87517038		1	BRACKET Bracket
11		86521605		1	FLANGE NUT 5/16" - 18, Gr 5
12		86521553		1	BOLT Hex, 5/16" - 18 x 1", Gr 5
13		86611944		1	CHANNEL
14		86513238		4	LOCK WASHER .515” ID x 1.070” OD x .120” Thk Belleville, 1/2"
15		9790143		4	BOLT Hex, 1/2" - 13 x 1", Gr 8, Full Thd
16		216912		1	SHROUD Upper Roll
17		86521552		4	BOLT Hex, 5/16" - 18 x 3/4", Gr 5
18		80681		4	LOCK WASHER 5/16" ID x 19/32" OD x 1/8" Thk
19		86603717		1	COVER PTO
20		86537486		2	FLANGE Bearing
21		163641		2	BALL BEARING 34.92mm ID x 72mm OD x 19mm W
22	3	86552248		2	FLANGE Relube, Includes: Ref. 22A
22	4	86590795		2	FLANGE Includes: Ref. 58

(1) **Prior To 7/01/06**
(2) **From 7/01/06**
(3) **BSN 627622**
(4) **ASN 627622**

14.01		p2	3/2020

HEADER DRIVE, LEFT SIDE



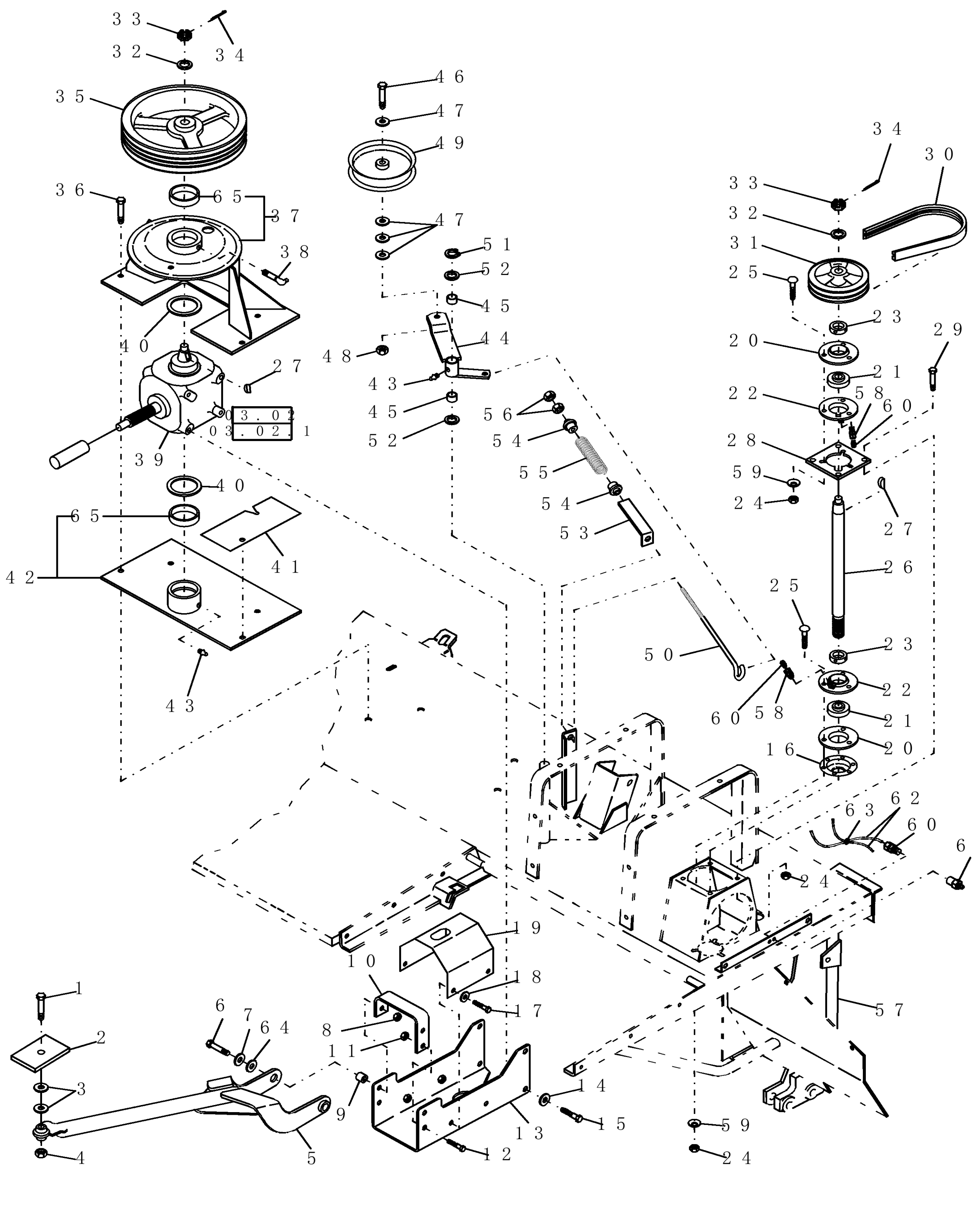
HEADER DRIVE, LEFT SIDE

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
22A		80713		2	LUBE NIPPLE 1/4" - 28 1/4" - 28 x 1-1/8"
23		47067		2	RETAINER COLLAR 34.92mm ID x 56.33mm OD x 17.46mm Thk
24		86521606		10	FLANGE NUT Hex, 3/8" - 16, Gr 5
25		88682		6	CARRIAGE BOLT Short Nk, 3/8" - 16 x 1", Gr 5
26		86589486		1	SHAFT
27		87122		1	WOODRUFF KEY #128, 5/16" x 2 1/8"
28		86524292		1	PLATE
29		86521613		4	BOLT Hex, 3/8" - 16 x 1", Gr 5
30		86627796		1	V-BELT 0.66" W x 147.00" L, 2 Ribs
31		86566593		1	PULLEY
32		672		2	WASHER
33		49027		2	SLOTTED NUT Slotted, G2, 1"-20
34		V12820		2	COTTER PIN 1/8" x 2"
35		86556540		1	PULLEY
36		86521615		4	BOLT Hex, 1/2" - 13 x 1-1/2", Gr 5
37		86641961		1	SUPPORT
38		84251		1	LUBE NIPPLE 30 Degree, 1/8" NPT x 2 5/64" lg
39	1	86518542		1	GEARBOX Pivot
39		86572192R		1	REMAN-GEARBOX GEARBOX Pivot, BSN 650153
39		86572192C		1	CORE-GEARBOX GEARBOX Return Number
39	2	86572192		1	GEARBOX Pivot
39		86572192R		1	REMAN-GEARBOX GEARBOX Pivot, ASN 650153
39	2	86572192C		1	CORE-GEARBOX GEARBOX Return Number
40		86523854		2	THRUST WASHER Nylon, 3-1/2"
41		86536280		AR	SHIM
42		86632258		1	PLATE
43		87414		2	LUBE NIPPLE 1/4" - 28 NPT

(1) **BSN 650153**

(2) **ASN 650153**

HEADER DRIVE, LEFT SIDE



HEADER DRIVE, LEFT SIDE

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
44		86632287		1	ARM Includes: Ref. 45
45		27767		2	BUSHING
46		280119		1	BOLT Hex, 5/8" - 11 x 3-1/2", Gr 5
47		80299		AR	WASHER 0.69" ID x 1.75" OD x 0.13" Thk
48		86521608		1	FLANGE NUT 5/8"-11 x 1.75, Gr5, ZND
49		763661		1	IDLER WHEEL
50		86535390		1	EYEBOLT 3/8"-16 x 20-1/4"
51		197297		1	SNAP RING #98, Ext
52		26402		2	WASHER 25.8mm ID x 38.1mm OD x 1.7mm Thk
53		86535389		1	GUIDE
54		86535388		2	SPACER
55		621022		1	SPRING Compression
56		9628503		2	NUT 3/8" - 16, Gr 5
57	1,2	86567241		1	FRAME Header, Short Drums
57	3	86629886		1	FRAME Header, Long Drums
58		86580291		2	ADAPTER 1/8" - 27 x 1/4" - 28 Straight
59		140045		8	BELLEVILLE WASHER 10mm ID x 22mm OD x 1.6mm Thk
60		11787		4	FITTING 3/8"-24 Fem x 1/8" NPT Includes: 13362 Sleeve & 13367 Nut
61		86050275		2	LUBE NIPPLE Self-Tapping, Internal Thread, 1/8"
62		9846836		AR	PLASTIC-RUBBER TUBE 3.58mm ID x 1000mm L 3/16"x 39-3/8"- Cut To Fit
63		263117		AR	CABLE TIE 292.1mm L, Nylon, Black
64		26129		2	WASHER 25.8mm ID x 39.69mm OD x 0.99mm Thk

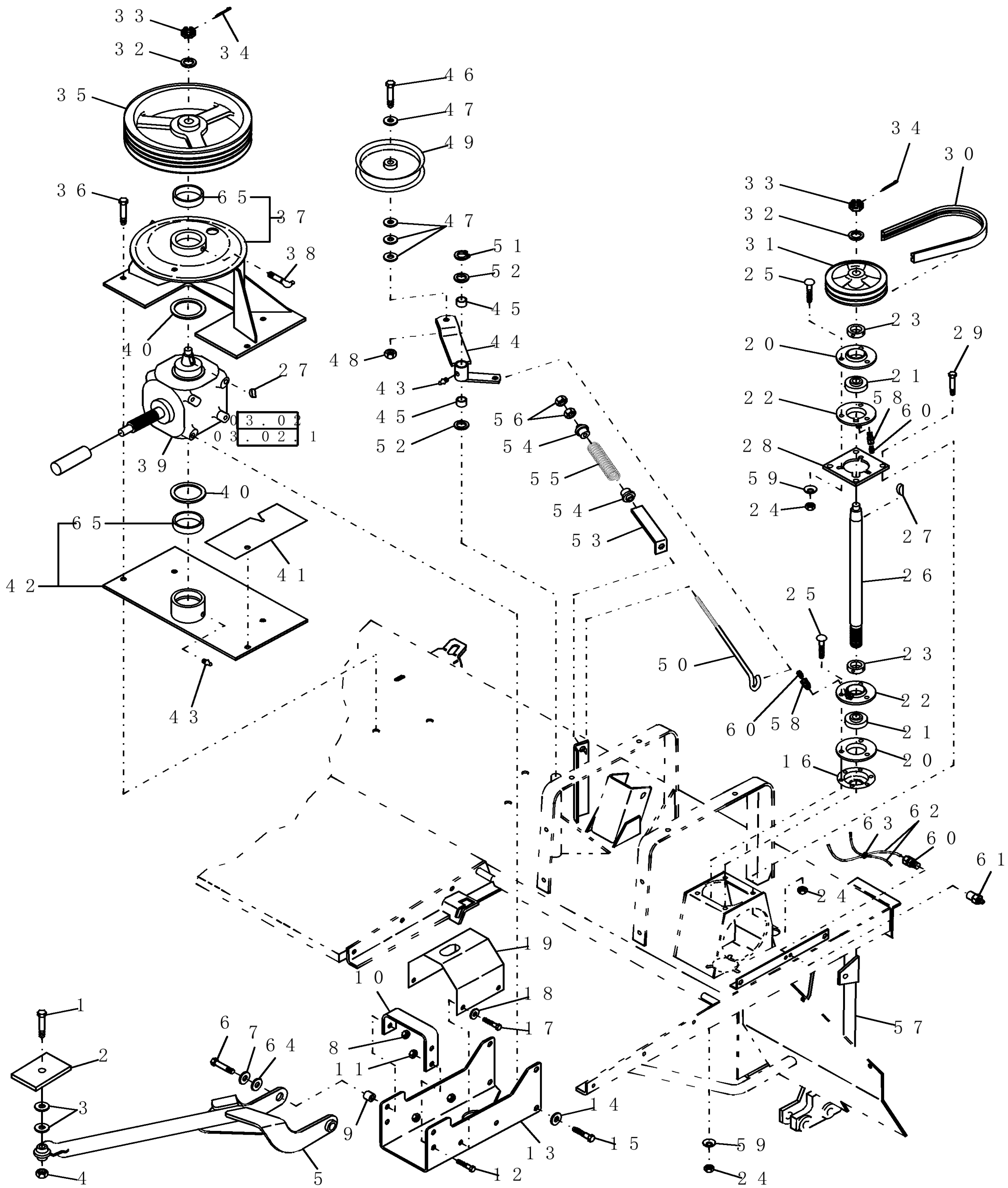
(1) **BSN 650209**

(2) **These additional parts are necessary to replace frame 86567241 with 86629886 on units bsn 650209:**

(3) **ASN 650209**

14.01		p4	3/2020

HEADER DRIVE, LEFT SIDE

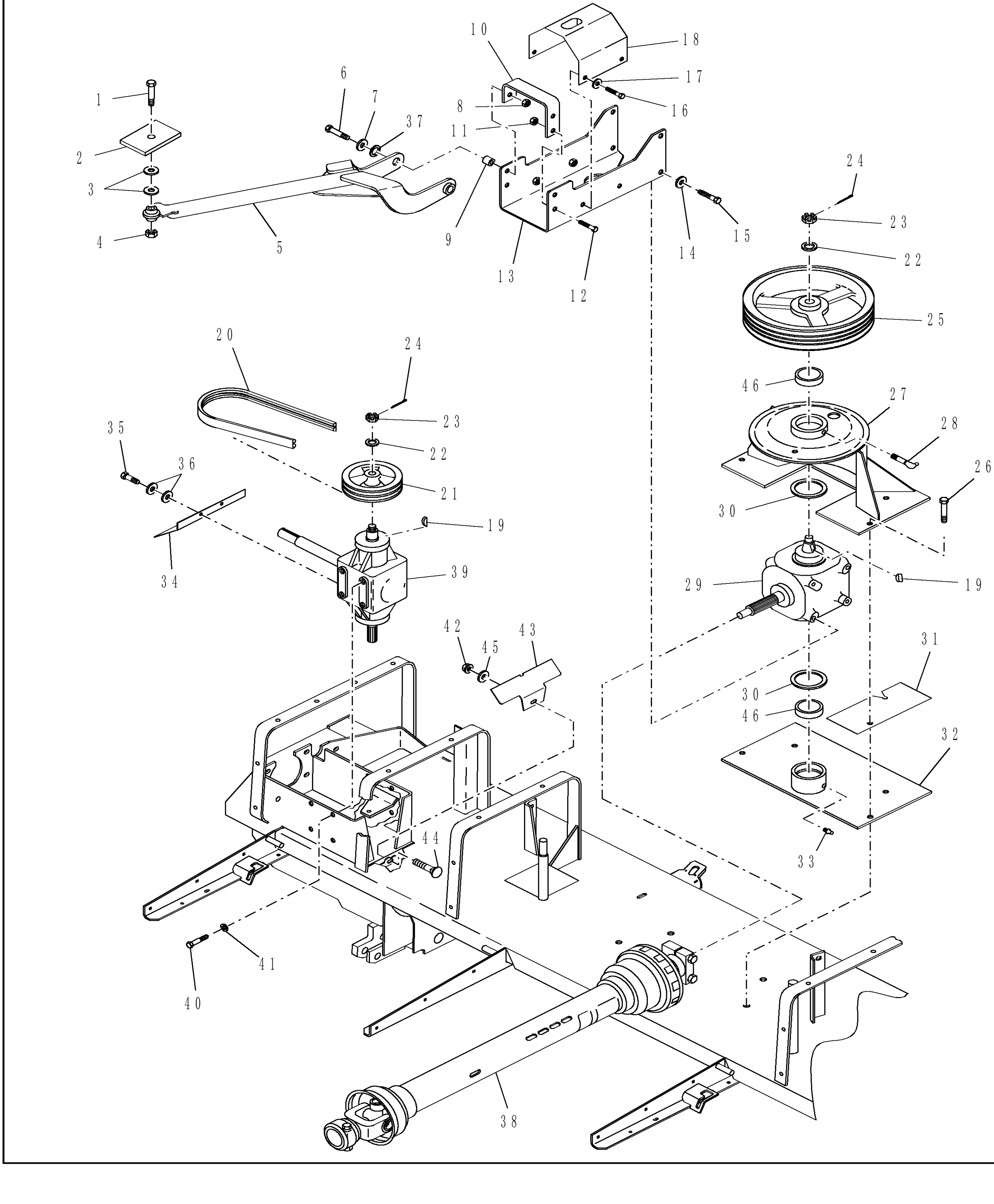


HEADER DRIVE, LEFT SIDE

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
65		86512604		AR	DRIVE BUSHING 88.9mm ID x 93.66mm OD x 25.65mm L

14.02		p1	3/2020

HEADER DRIVE, CENTER



HEADER DRIVE, CENTER

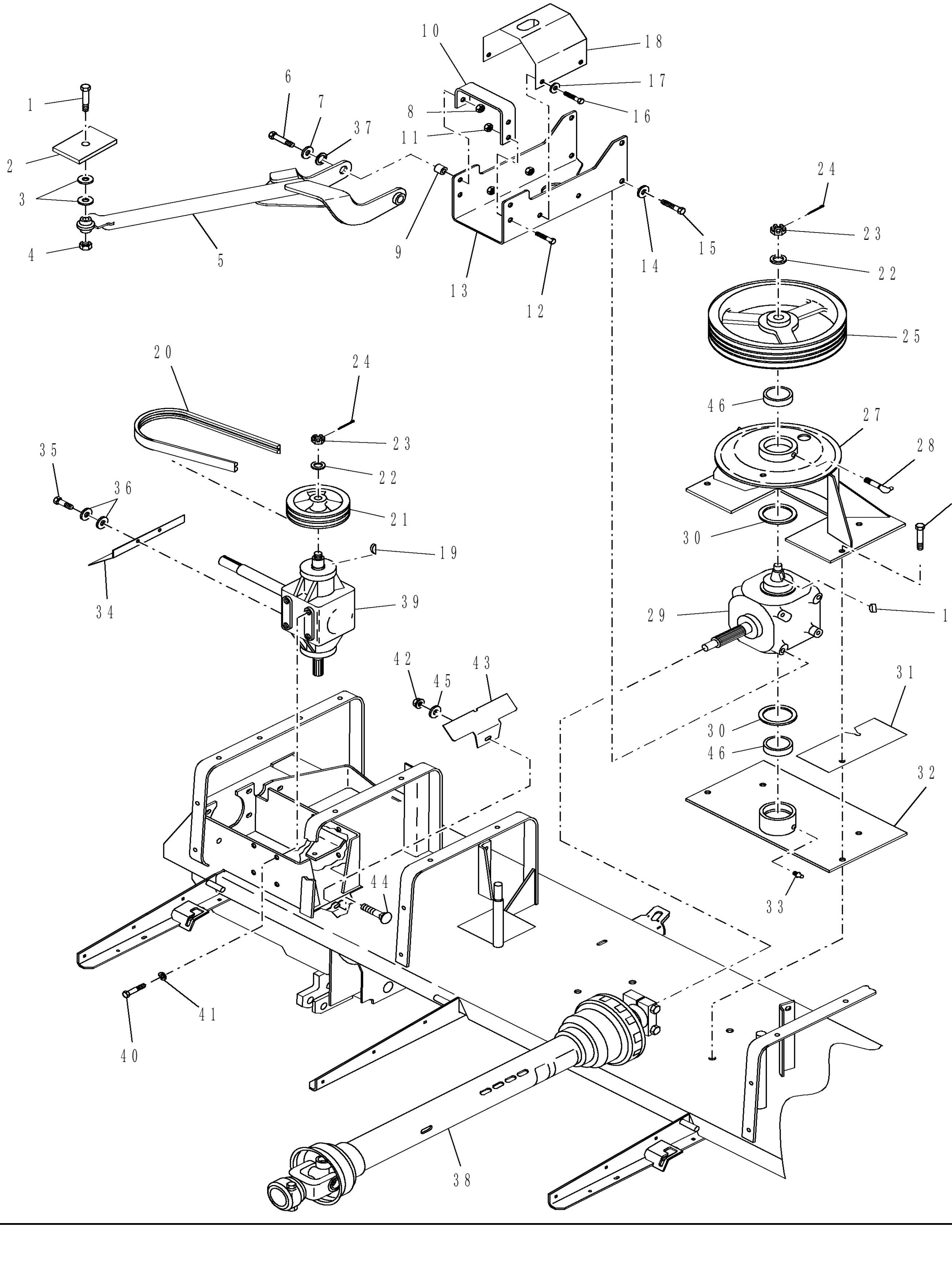
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86977759		1	BOLT Hex, 3/4" - 10 x 3-1/2", Gr 5
2		86538355		1	SPACER
3		87381		2	WASHER 0.81" ID x 1.47" OD x 0.13" Thk
4		280375		1	NUT 3/4" - 10, Gr C
5		86620449		1	TUBE 1243.60 mm L
6		87975		2	BOLT Hex, 1/2" - 13 x 2 1/4", Gr 5
7		695335		2	WASHER 12.95mm ID x 37.59mm OD x 4.75mm Thk 1/2"
8		86521610		2	FLANGE NUT Flg, 1/2" - 13
9		86631384		2	SPACER
10	1	86524206		1	BRACKET
10	2	87517038		1	BRACKET Bracket
11		86521605		1	FLANGE NUT 5/16" - 18, Gr 5
12		86521553		1	BOLT Hex, 5/16" - 18 x 1", Gr 5
13		86613683		1	CHANNEL
14		86513238		4	LOCK WASHER .515” ID x 1.070” OD x .120” Thk Belleville, 1/2"
15		9790143		4	BOLT Hex, 1/2" - 13 x 1", Gr 8, Full Thd
16		86521552		4	BOLT Hex, 5/16" - 18 x 3/4", Gr 5
17		80681		4	LOCK WASHER 5/16" ID x 19/32" OD x 1/8" Thk
18		86603717		1	COVER PTO
19		87122		2	WOODRUFF KEY #128, 5/16" x 2 1/8"
20		86627796		1	V-BELT 0.66" W x 147.00" L, 2 Ribs
21		86566593		1	PULLEY
22		672		2	WASHER 1-1/8"
23		49027		2	SLOTTED NUT Slotted, G2, NF 1"-20
24		V12820		2	COTTER PIN 1/8" x 2"
25		86556540		2	PULLEY
26		86521615		4	BOLT Hex, 1/2" - 13 x 1-1/2", Gr 5

(1) **Prior To 7/01/06**

(2) **From 7/01/06**

14.02		p2	3/2020

HEADER DRIVE, CENTER



HEADER DRIVE, CENTER

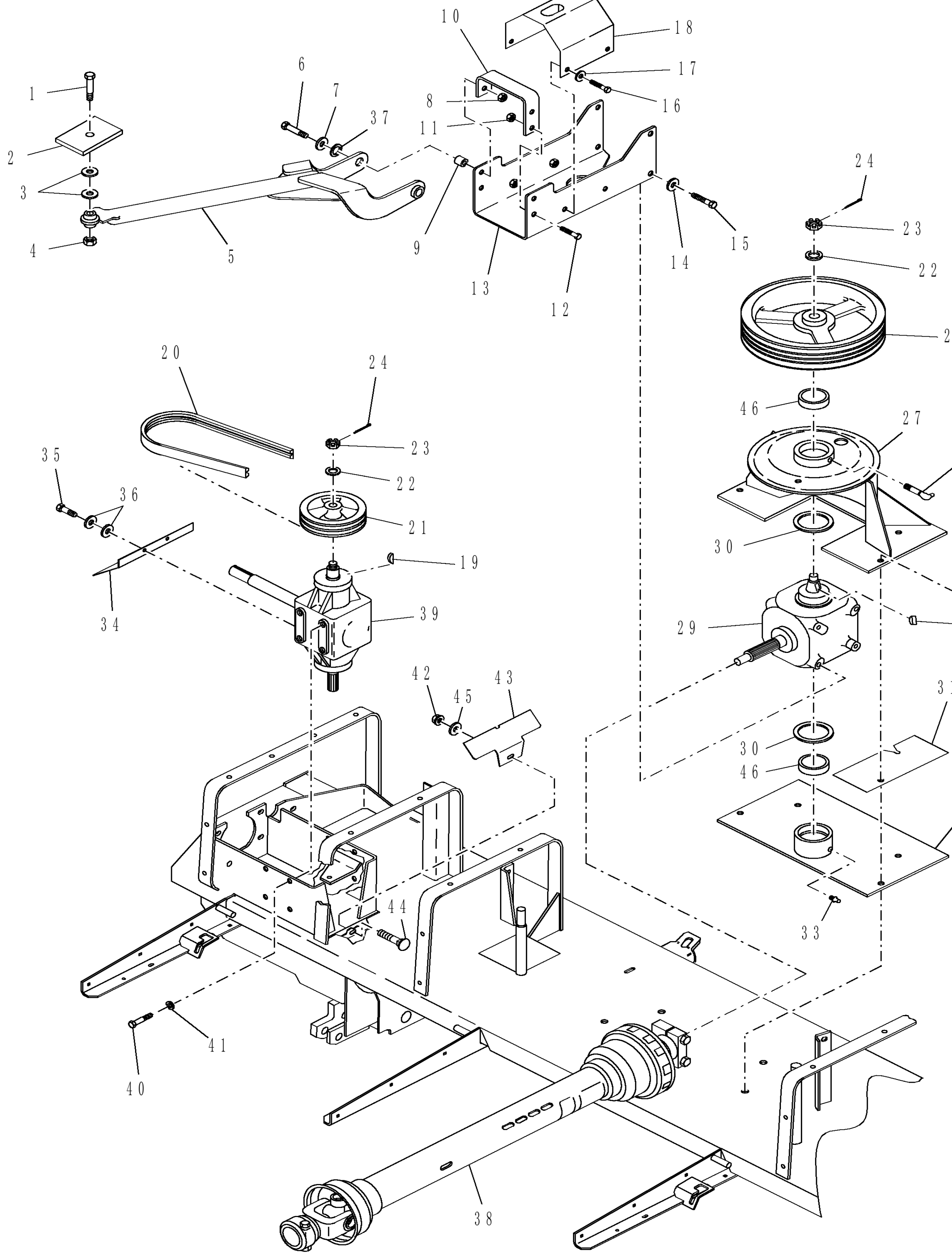
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
27		86641961		1	SUPPORT
28		84251		1	LUBE NIPPLE 30 Degree, 1/8" NPT x 2 5/64" lg
29	1	86518542		1	GEARBOX Pivot, Refer to Fig. 03.02
29		86572192R		1	REMAN-GEARBOX GEARBOX Pivot, BSN 650209
29		86572192C		1	CORE-GEARBOX GEARBOX Return Number
29	2	86572192		1	GEARBOX Pivot, Refer to Fig. 03.02-1
29		86572192R		1	REMAN-GEARBOX GEARBOX Pivot, ASN 650209
29	2	86572192C		1	CORE-GEARBOX GEARBOX Return Number
30		86523854		2	THRUST WASHER Nylon, 3-1/2"
31		86536280		AR	SHIM
32		86632258		1	PLATE
33		87414		1	LUBE NIPPLE 1/4" - 28 NPT
34		86632263		1	SHIELD
35		16043224		2	BOLT Hex, M8 x 16mm, Cl 8.8
36		80664		4	WASHER 0.38" ID x 0.88" OD x 0.08" Thk
37		26129		AR	WASHER 25.8mm ID x 39.69mm OD x 0.99mm Thk
38		NS		1	NOT SERVICED PTO, Secondary, Refer to Component Breakdown
39		86518543		1	GEARBOX Bevel, Pivot, Refer to Fig. 03.04
39		86518543R		1	REMAN-GEARBOX GEARBOX 1431 Discbine Pivot Tongue MC
39		86518543C		1	CORE-GEARBOX GEARBOX Return Number
40		280319		8	BOLT Hex, 5/8" - 11 x 1 1/4", Gr 5, Full Thd

(1) BSN 650209

(2) ASN 650209

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HEADER DRIVE, CENTER



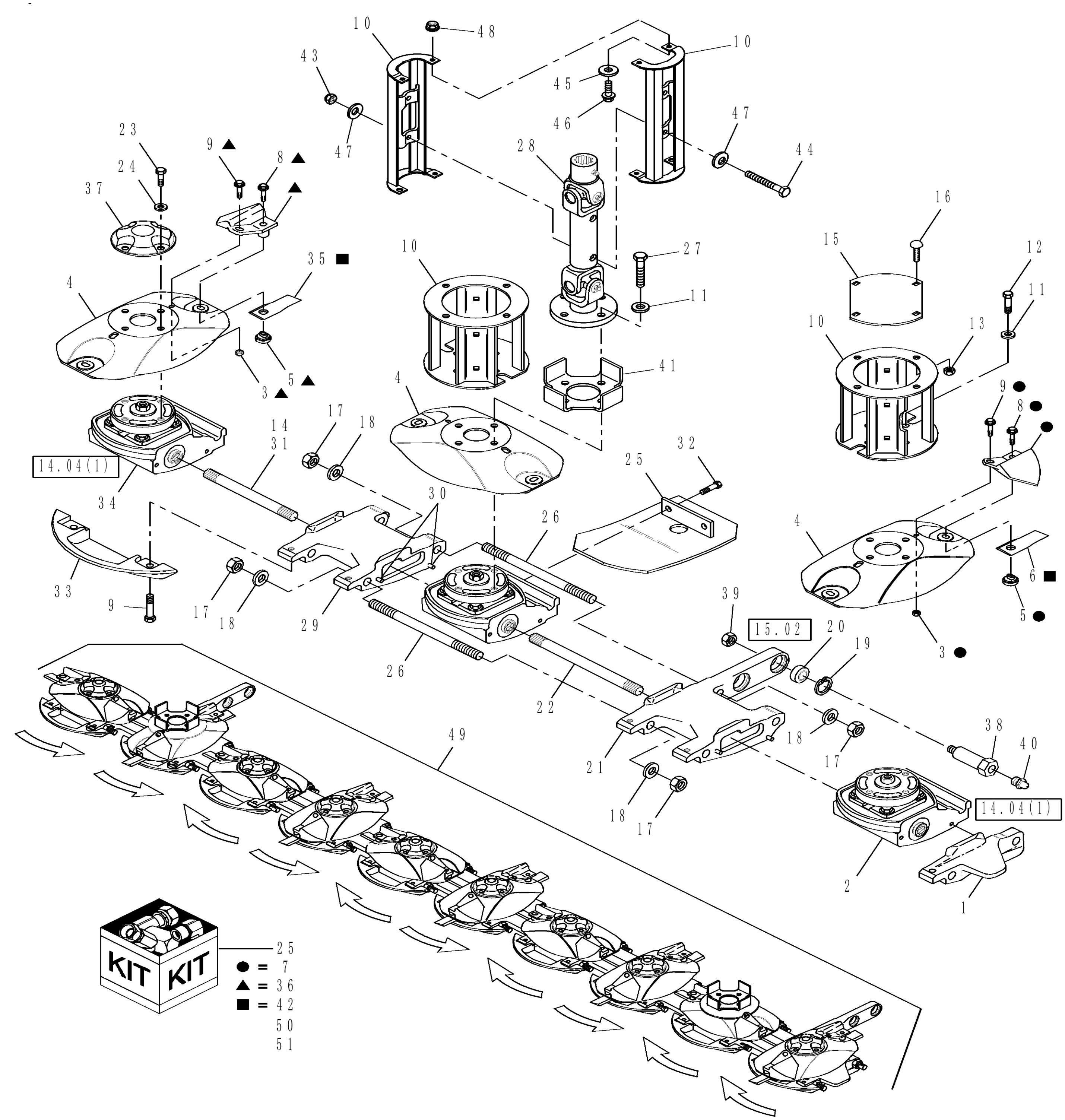
HEADER DRIVE, CENTER

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
41		140048		8	BELLEVILLE WASHER M16 Bolt Size x 32mm OD x 2.8mm Thk
42		86521606		1	FLANGE NUT Hex, 3/8" - 16, Gr 5
43	1	86579603		1	SHIELD
44		88682		1	CARRIAGE BOLT Short Nk, 3/8" - 16 x 1", Gr 5
45		140045		1	BELLEVILLE WASHER 10mm ID x 22mm OD x 1.6mm Thk
46		86512604		1	DRIVE BUSHING 88.9mm ID x 93.66mm OD x 25.65mm L

(1) ASN 638669

14.03		p1	3/2020

CUTTERBAR



1] If Ref 33 "From PIN Y6B230671" is backfit, all 10 guards have to be replaced. 2] Ref 33 "From PIN Y6B230671" cannot be used with Ref 25 "Prior To PIN Y6B230671".

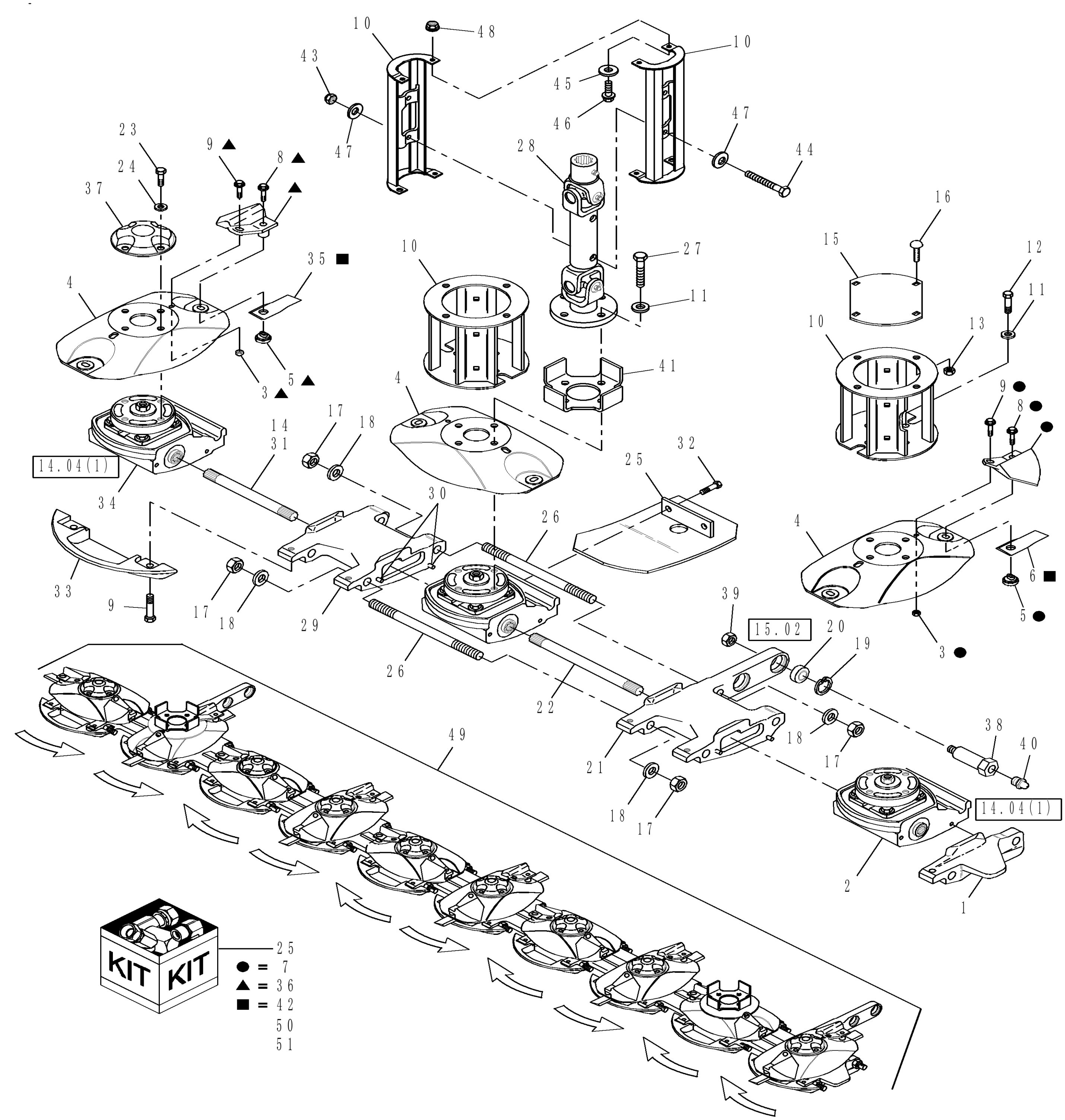
CUTTERBAR

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86517530		1	ARM Cap, End, RH
1		86629691		1	ARM LH, Includes: Groove Pins
2		0C		5	ORDER COMPONENTS Module, Control, CW, Modules 1, 2, 4, 6 & 8
3		86544265		20	FLANGE NUT Flg, 1/2"-13, G8
4		86620468		10	DISC
5		87053834		20	NUT Knife
6		9847683		10	BLADE Knife CW CW, 7 ° Twist
6	1	86621872		10	BLADE CW, 14° Twist
6		87029587		10	BLADE CW, 14° Twist, Over-serrated
6		86532078		20	KNIFE V
7		87040838		5	KIT Lifter, CW, Includes: (2) Lifters, Hardware, & Instructions
8		86515926		20	FLANGE BOLT Hex, 1/2" - 13 x 1.75", Gr 8
9	2	86515925		40	FLANGE BOLT Hex, 1/2" - 13 x 1", Gr 8
9	3	87040886		20	BOLT Flg, Self-Locking, G8, 1/2"-13 x 1-1/4"
10	4	86634229		2	DRUM
10	5	86629688		4	DRUM Half, 2 Required per drive shaft
11		65319		AR	WASHER 13.1mm ID x 25.4mm OD x 3.68mm Thk (33/64" ID x 1" OD x .135")
12	6	87670		8	BOLT 1/2" - 13 x 1-1/4", Full Thd, Gr 5
13	6	86521606		8	FLANGE NUT Hex, 3/8" - 16, Gr 5

(1) **Standard Equipment ASN 657933**
(2) **Used W/Prior Lifter Kits 86626960 & 86626501**
(3) **Used W/87040838 & 87040839**
(4) **BSN 650209 - 11XXXX**
(5) **ASN 650209 - Y6BXXXXXX**
(6) **BSN 650209**

14.03		p2	3/2020

CUTTERBAR



1] If Ref 33 "From PIN Y6B230671" is backfit, all 10 guards have to be replaced. 2] Ref 33 "From PIN Y6B230671" cannot be used with Ref 25 "Prior To PIN Y6B230671".

CUTTERBAR

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
14		9861804DS		AR	GREASE 14 oz. Cartridge, For Use on Shaft, Ref. 31
15	1	9849367		2	COVER
16	1	88682		8	CARRIAGE BOLT Short Nk, 3/8" - 16 x 1", Gr 5
17		86518194		40	NUT 3/4"-10, G8
18		86512328		40	WASHER 19.46mm ID x 35.05mm OD x 3.43mm Thk
19		271429		4	SNAP RING 1.625", Int, #162
20		365820		4	BUSHING 25.4mm ID x 36.5mm OD x 22.23mm L
21	2	86540364		1	SPACER LH, Includes: (4) Groove Pins
21	2	86540362		1	SPACER RH, Includes: (4) Groove Pins
21		86515496		8	GROOVED PIN 9.53mm OD x 19.05mm L 3/8" x 3/4" Heat Treated
22		86519039		2	SHAFT 268mm
23		87909		AR	BOLT Hex, 1/2" - 13 x 1", Gr 5
24		86513238		AR	LOCK WASHER .515” ID x 1.070” OD x .120” Thk Belleville, 1/2"
25	3	86572263		10	SKID/SHOE [Welded Shoe], See Figure Note
25	4	87047426		10	SKID/SHOE [Formed Shoe], See Figure Note
25		84141953		10	SKID/SHOE HD HT, For Abrasive Soil Conditions
25		87622885		10	SKID/SHOE Skid, High Stubble
25		715289026		AR	DIA KIT, HARVESTER Kit, Skid, High Stubble, Includes: (8) Ref. 25, 87622885 High Skidshoes, & Instructions

(1) **BSN 650209**

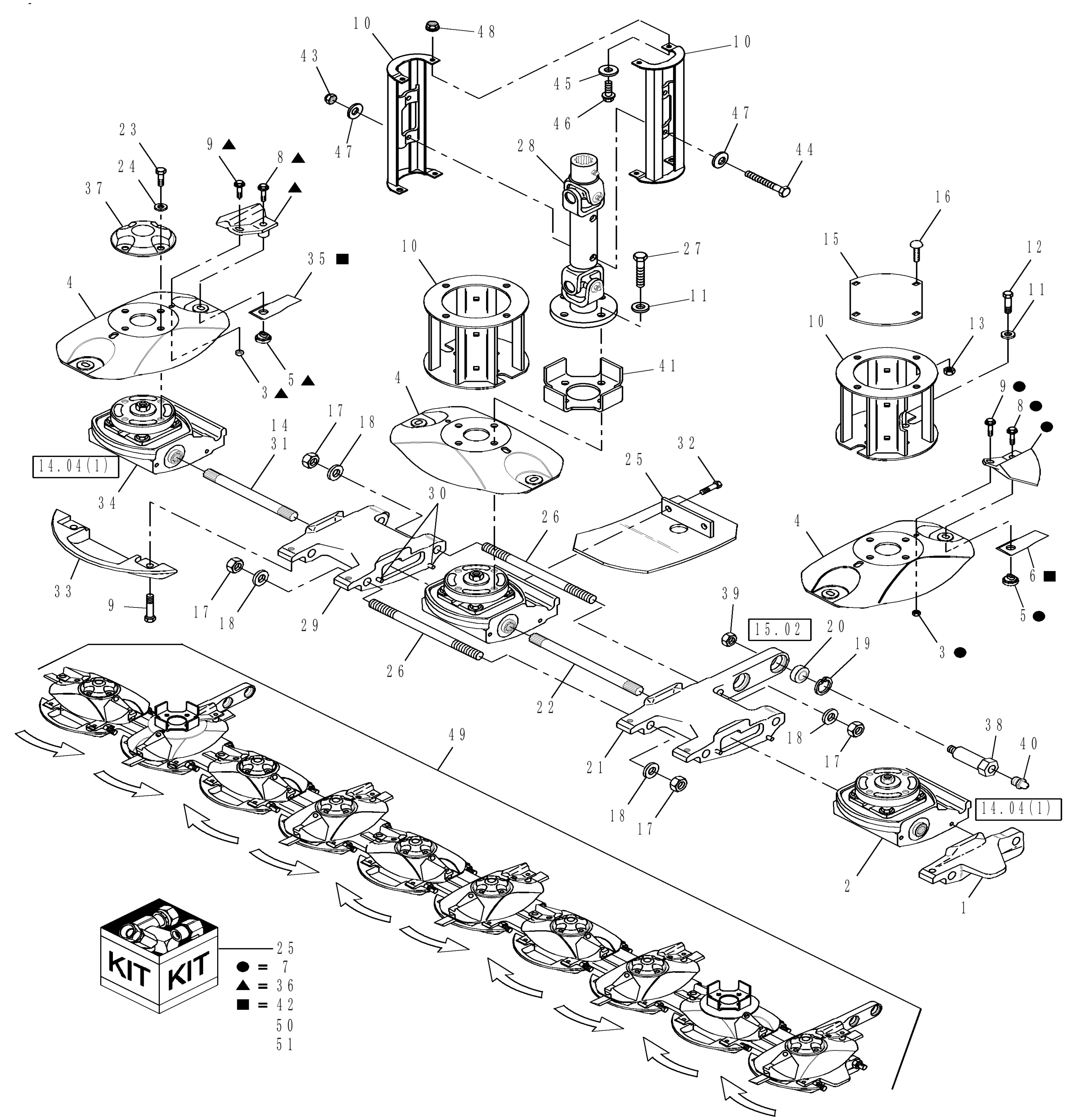
(2) **Refer to Conditioner Rolls for mounting hardware**

(3) **Prior To PIN Y6B230671**

(4) **From Y6B230671**

14.03		p3	3/2020

CUTTERBAR



1] If Ref 33 "From PIN Y6B230671" is backfit, all 10 guards have to be replaced. 2] Ref 33 "From PIN Y6B230671" cannot be used with Ref 25 "Prior To PIN Y6B230671".

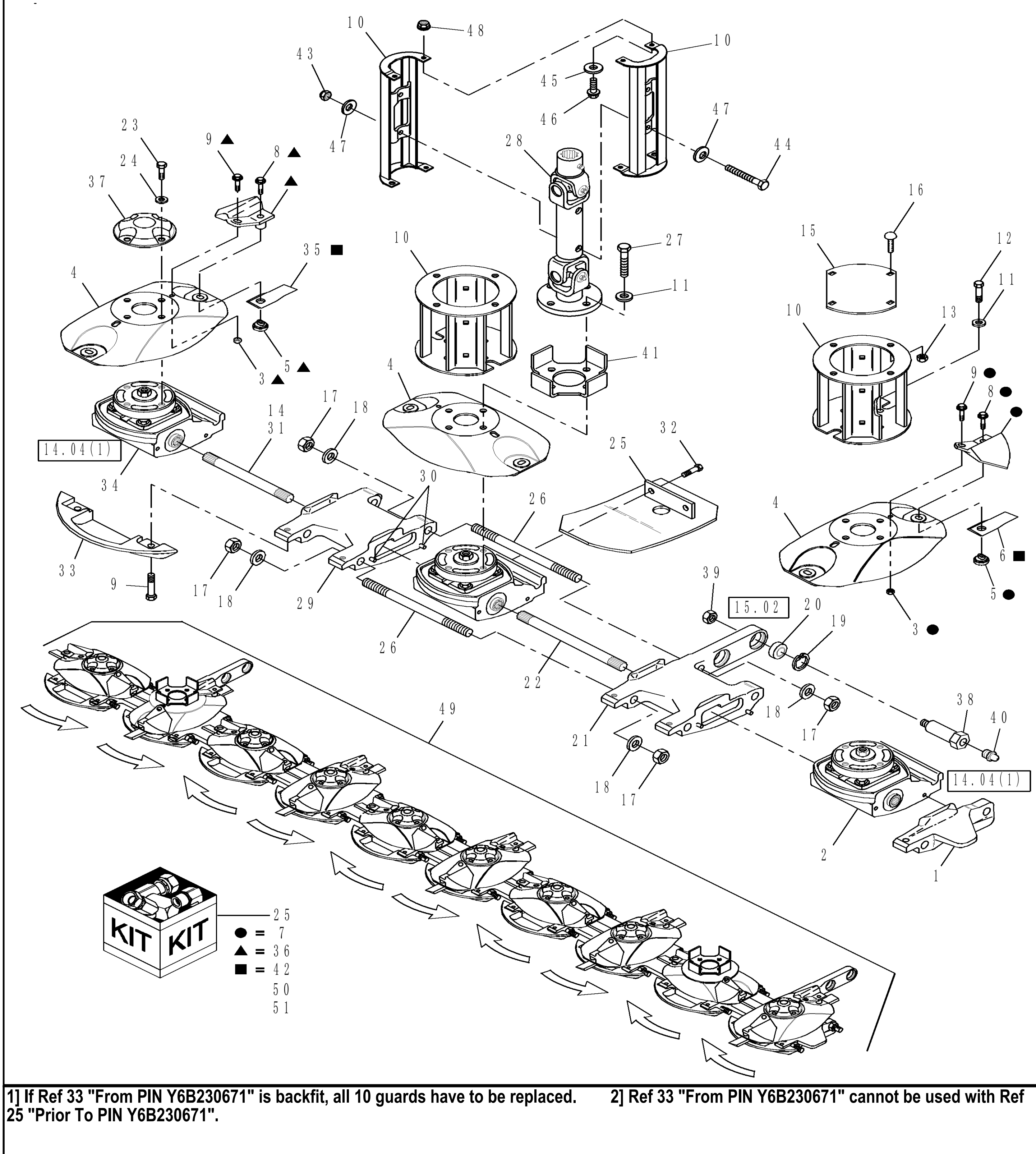
CUTTERBAR

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
26		86501934		20	THREADED ROD 12.2" L; Services Both Partially and Fully-Threaded Rods
27		9707516		8	BOLT 1/2"-13 x 1-3/4", Gr 5
28	1	86519247		2	SHAFT Drive, Refer to Fig. 14.05
28	2	86565923		2	SHAFT Drive, Refer to Fig. 14.05
29		86506032		7	SPACER Includes: Ref. 30
30		86515496		28	GROOVED PIN 9.53mm OD x 19.05mm L Heat-Treated, 3/8" x 3/4"
31		86519042		7	SHAFT 248mm
32		86533474		20	FLANGE BOLT Hex, 1/2" - 13 x 1", Gr 5
33	3	86565383		10	GUARD See Figure Note
33	4	87047845		10	STONEGUARD See Figure Note
34		0C		5	ORDER COMPONENTS Module, Control, CCW, Modules 3, 5, 7, 9 & 10
35		9847684		10	BLADE Knife CCW CCW, 7° Twist
35	5	86621873		10	BLADE CCW, 14° Twist
35		87029588		10	BLADE CCW, 14° Twist, Over-serrated
35		86532078		20	KNIFE V
36		87040839		5	KIT Lifter, CCW, Includes: (2) Lifters, Hardware & Instructions
37		9828165		AR	CAP Std.; Refer Also To Fig. 14.04[2]
38		86571960		4	BOLT Special
39		86557260		4	SPECIAL NUT Hex, 3/4" - 10 Nyl Lock Gr 5 Special, Lock, 3/4"-10
40		87414		4	LUBE NIPPLE 1/4" - 28 NPT
41	6	86629689		2	DISC

(1) **BSN 638669**
(2) **ASN 638669**
(3) **Prior To PIN Y6B230671**
(4) **From PIN Y6B230671**
(5) **Standard Equipment ASN 657933**
(6) **ASN 650209**

14.03		p4	3/2020

CUTTERBAR



1] If Ref 33 "From PIN Y6B230671" is backfit, all 10 guards have to be replaced. 2] Ref 33 "From PIN Y6B230671" cannot be used with Ref 25 "Prior To PIN Y6B230671".

CUTTERBAR

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
42		86624751		AR	KNIFE SET Includes: (10) 14° CW Blades, Ref 6 & (10) 14° CCW Blades, Ref 35
42		86624752		AR	KNIFE SET Includes: (16) 14° CW Blades, Ref 6 & (16) 14° CCW Blades, Ref 35
43		88902		8	NUT 3/8" - 16, Gr C
44		280260		4	BOLT Hex, 3/8" - 16 x 3", Gr 8
45		80681		8	LOCK WASHER 5/16" ID x 19/32" OD x 1/8" Thk
46		86521552		8	BOLT Hex, 5/16" - 18 x 3/4", Gr 5
47		140045		8	BELLEVILLE WASHER 10mm ID x 22mm OD x 1.6mm Thk
48		9823743		8	FLANGE NUT Flg, 5/16" - 18
49	1	87674849		1	CUTTERBAR
50		87056499		AR	SHIM KIT Includes: (10) Shims, NSS, & Instructions
51	2	87602273		AR	REPAIR KIT Shock Retrofit

(1) **Does Not Include Ref 10, 11, 12, 15, 16, 28, 38, 39, 40 Nor Disc Or Knife Options**

(2) **Contains parts to retrofit two discs.**

14.03	01	p1	3/2020

KIT KNIFE 7 W/LIFTERS



Front view



Kit view



Rear view



Inner view

KIT KNIFE 7 W/LIFTERS

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87298622		1	KIT Includes 2 - 9
2		86515926		20	FLANGE BOLT Hex, 1/2" - 13 x 1.75", Gr 8
3		86544265		20	FLANGE NUT Flg, 1/2"-13, G8
4		86596673		10	CROP LIFTER Lifter CW
5		86596674		10	CROP LIFTER NSS, ORDER KIT Lifter CCW
6		87040886		20	BOLT
7		87725066		20	NUT
8		9847683		10	BLADE Knife CW Knife CW
9		9847684		10	BLADE Knife CCW Knife CCW

14.03	02	p1	3/2020

KIT LIFTER DISC MOWER CW



Front view



Kit view



Inner view



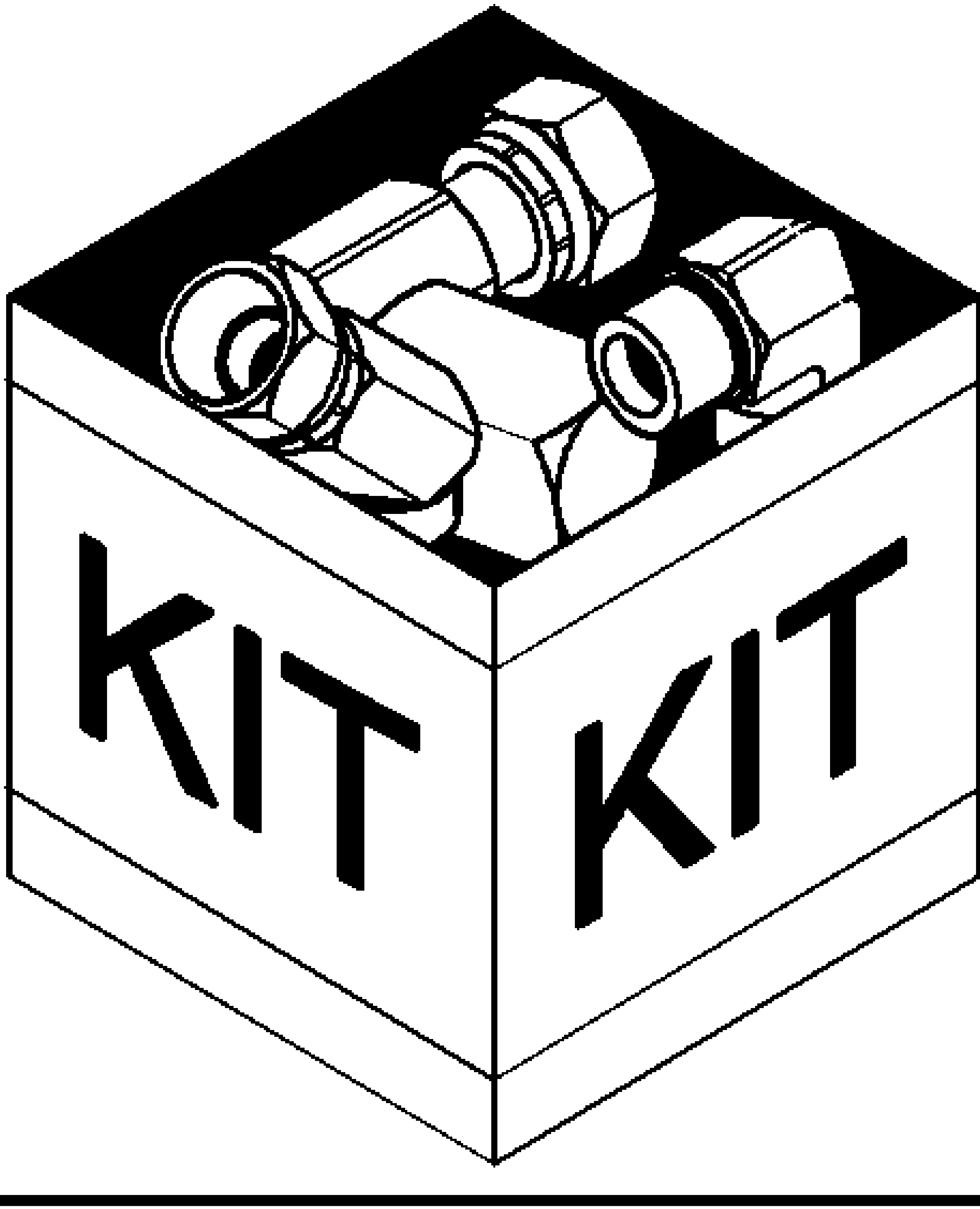
Rear view

KIT LIFTER DISC MOWER CW

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87298446		1	KIT Lifter, Disc Mower, CW, Incl 2 - 8
2		87643763		1	INSTRUCTION
3		80700		4	WASHER 0.56" ID x 1.38" OD x 0.11" Thk
4		86515926		4	FLANGE BOLT Hex, 1/2" - 13 x 1.75", Gr 8
5		86544265		4	FLANGE NUT Flg, 1/2"-13, G8
6		86596673		4	CROP LIFTER
7		87040886		4	BOLT
8		87725066		4	NUT

14.03	03	p1	3/2020

KIT LIFTER DISC MOWER CCW



KIT LIFTER DISC MOWER CCW

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87298445		1	KIT Includes 2 - 8
2		87643763		1	INSTRUCTION
3		80700		4	WASHER 0.56" ID x 1.38" OD x 0.11" Thk
4		86515926		4	FLANGE BOLT Hex, 1/2" - 13 x 1.75", Gr 8
5		86544265		4	FLANGE NUT Flg, 1/2"-13, G8
6		86596674		4	CROP LIFTER NSS, ORDER KIT CCW
7		87040886		4	BOLT
8		87725066		4	NUT

14.03	04	p1	3/2020

KIT DISC COMPLETE W/LIFTER CW7



Front view



Kit view



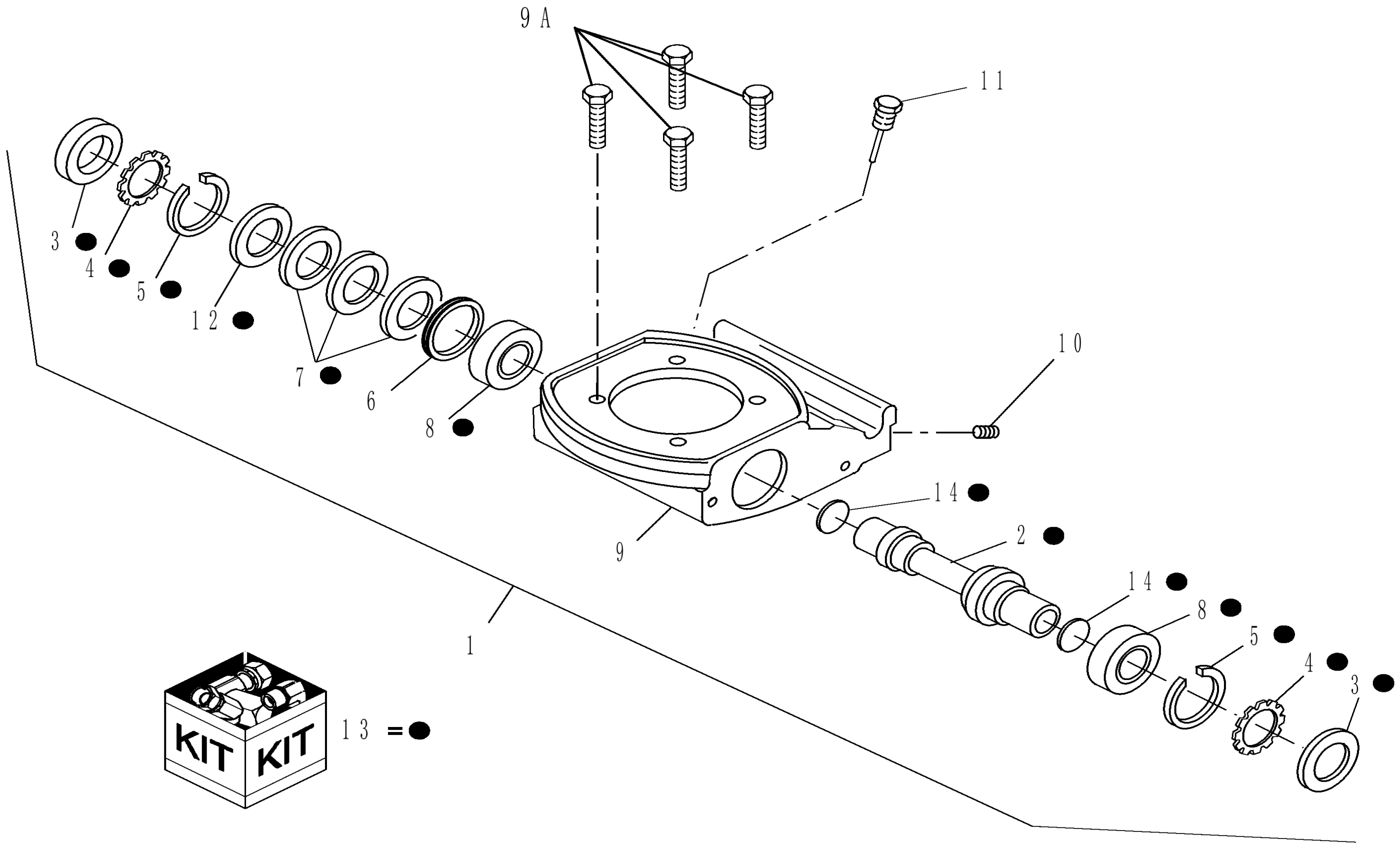
Rear view

KIT DISC COMPLETE W/LIFTER CW7

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87298443		1	KIT Incl 2 - 9
2		80700		2	WASHER 0.56" ID x 1.38" OD x 0.11" Thk
3		86515926		2	FLANGE BOLT Hex, 1/2" - 13 x 1.75", Gr 8
4		86544265		2	FLANGE NUT Flg, 1/2"-13, G8
5		86596673		2	CROP LIFTER CW
6		87040886		2	BOLT
7		87646406		1	DISC
8		87725066		2	NUT
9		9847683		2	BLADE Knife CW

14.04	1	p1	3/2020

CLOCKWISE & COUNTERCLOCKWISE MODULES



The Module is initially delivered with a spacer Ref 6.
But, if rebuilt with Ref 13, replace the spacer with washer Ref 12 and the shims Ref 7. The result will have the shims bracketed by two washers Ref 12.

CLOCKWISE & COUNTERCLOCKWISE MODULES

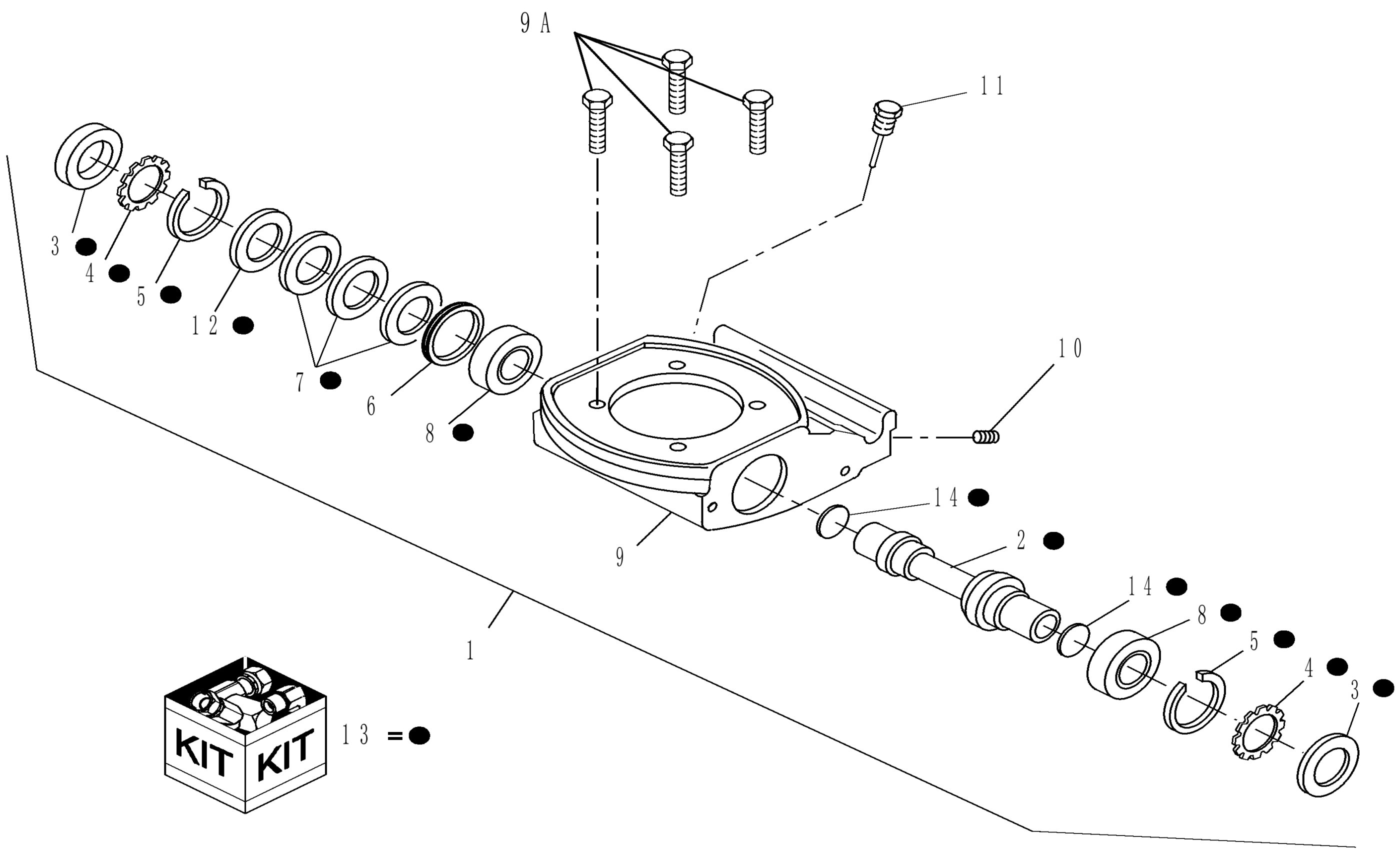
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87039878		1	GEARBOX Module, CW
1		84220789R		1	REMAN-GEARBOX REMAN-GEARBOX 1431 Pivot Tongue, Reman For New P/N's 87039878 & 84220789
1		84220789C		1	CORE-GEARBOX CORE-GEARBOX Return Number
1		87039879		1	GEARBOX Module, CCW
1		84220790R		1	REMAN-GEARBOX GEARBOX 1431 Pivot Tongue, Reman For New P/N's 87039879 & 84220790
1		84220790C		1	CORE-GEARBOX GEARBOX Return Number
1		87298423		1	KIT Small Module, CW
1		87298424		1	KIT Small Module, CCW
2		NSS		1	NOT SOLD SEPARAT Pinion, 14T
3		86511201		2	SEAL 1.25" ID x 2.33" OD x 0.33" Thk
4		86515894		2	SLINGER
5		86508784		2	SNAP RING 2.45" Int Int, 2.312"
6		NS		2	NOT SERVICED Spacer, (No Longer Serviced, Use Ref.7)
7		122271		AR	SHIM .003" Thk
7		122272		AR	SHIM .005" Thk
7		122273		AR	SHIM .007" Thk
8		NSS		2	NOT SOLD SEPARAT Bearing
9		87044115		1	HOUSING
9A		87670		4	BOLT 1/2" - 13 x 1-1/4", Full Thd, Gr 5
10		86568834		1	PLUG 1/4" - 18 NPT
11		86506262		1	DIPSTICK
12	1	86524423		1	WASHER 49mm ID x 58.75mm OD
13	2	87039882		AR	KIT
14		87744672		2	RUBBER JOINT 15.88mm OD x 3.175mm Thk

(1) **Two washers are included with Pinion Kit, Ref. 13.**

(2) **Use shims, Ref. 7 in place of Ref. 6 to adjust end play. Shims are installed between washers, Ref. 12**

14.04	1	p2	3/2020

CLOCKWISE & COUNTERCLOCKWISE MODULES



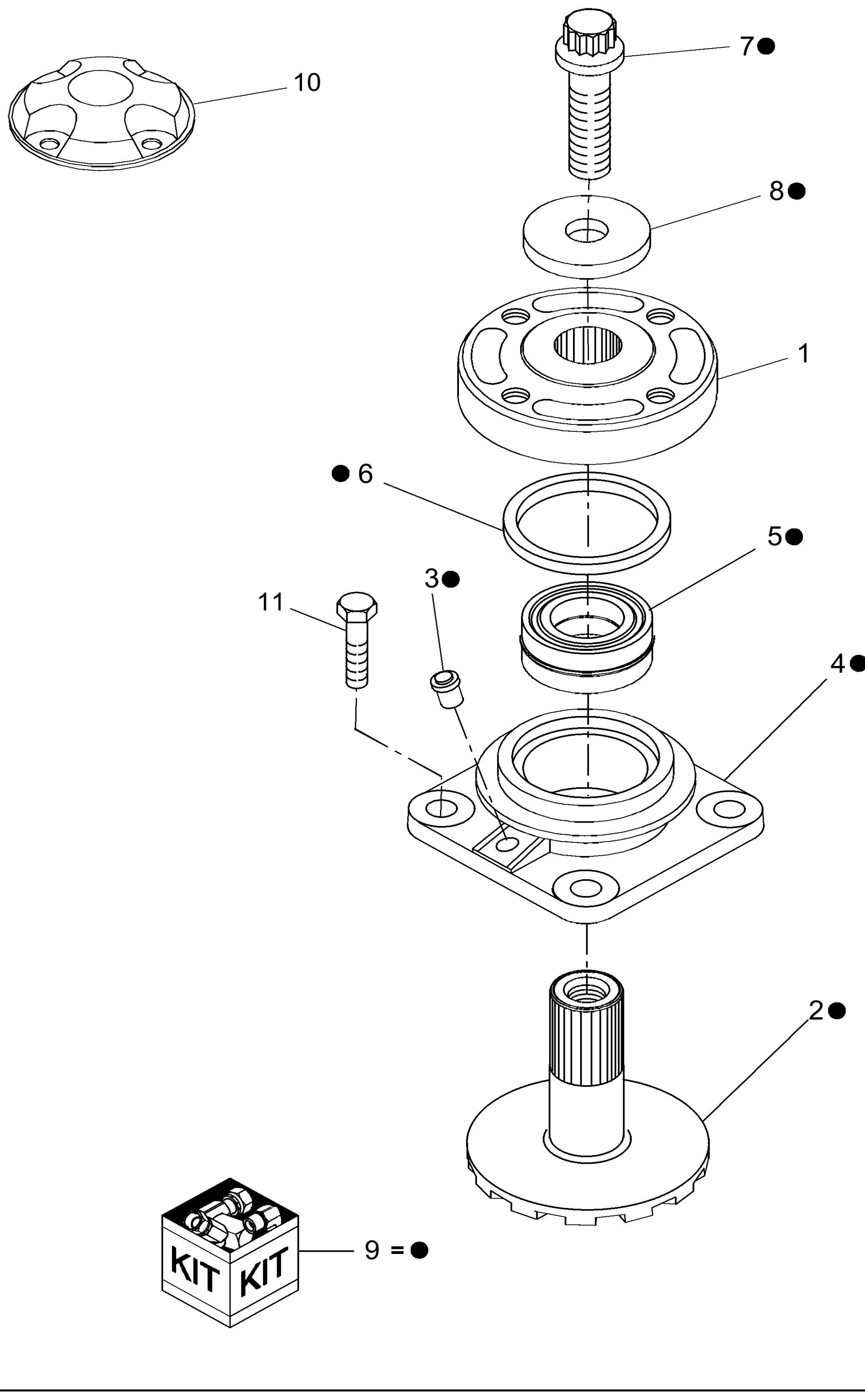
The Module is initially delivered with a spacer Ref 6.
But, if rebuilt with Ref 13, replace the spacer with washer Ref 12 and the shims Ref 7. The result will have the shims bracketed by two washers Ref 12.

CLOCKWISE & COUNTERCLOCKWISE MODULES

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
15		86513238		4	LOCK WASHER .515” ID x 1.070” OD x .120” Thk Use w/bolt - p/n 87670

14.04	2	p1	3/2020

TOP CAP, STANDARD HUB



TOP CAP, STANDARD HUB

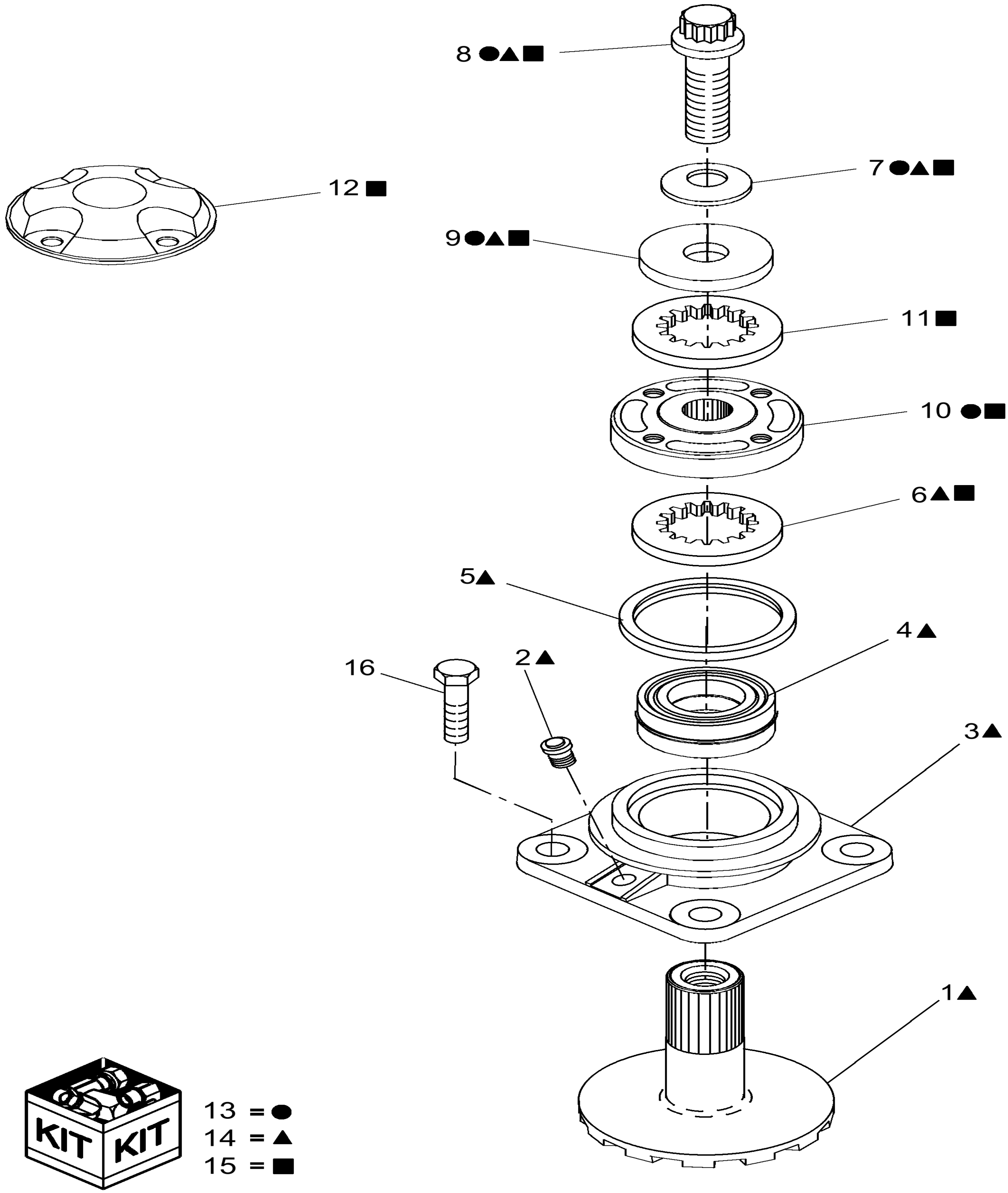
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87044113		1	HUB ASSY. Standard
2		NSS		1	NOT SOLD SEPARAT Gear, 25T
3		572820		1	BREATHER 1/8" NPT
4		NSS		1	NOT SOLD SEPARAT Housing
5		NSS		1	NOT SOLD SEPARAT Bearing
6		9849587		1	OIL SEAL 50.72mm ID x 63.73mm OD x 6.73mm Thk
7		87584169		1	BOLT 5/8" - 11 x 1-1/2" Cap, 12 Pt, Flg Hd, 5/8"-11 x 1 1/2", Locking Patch
8		574245		1	WASHER 16.76mm ID x 50.8mm OD x 6.35mm Thk 16.76 ID x 50.8 OD x 6.35 Thk
9		87753841		AR	GEAR Kit, Repair, Standard Hub
10	1	9828165		1	CAP Ref 25 On Fig. 20.14.03[01]
10	2	87581143		1	CAP Ref 20 On Figure 20.14.03[02]
11		87670		4	BOLT 1/2" - 13 x 1-1/4", Full Thd, Gr 5 Not included in Kit

(1) **Can Be Used Only W/Non-Shear Hub Top Caps**

(2) **Can Be Used W/Either Shear Hub Or Non-Shear Hub Top Caps**

14.04	3	p1	3/2020

TOP CAP, SHOCK HUB



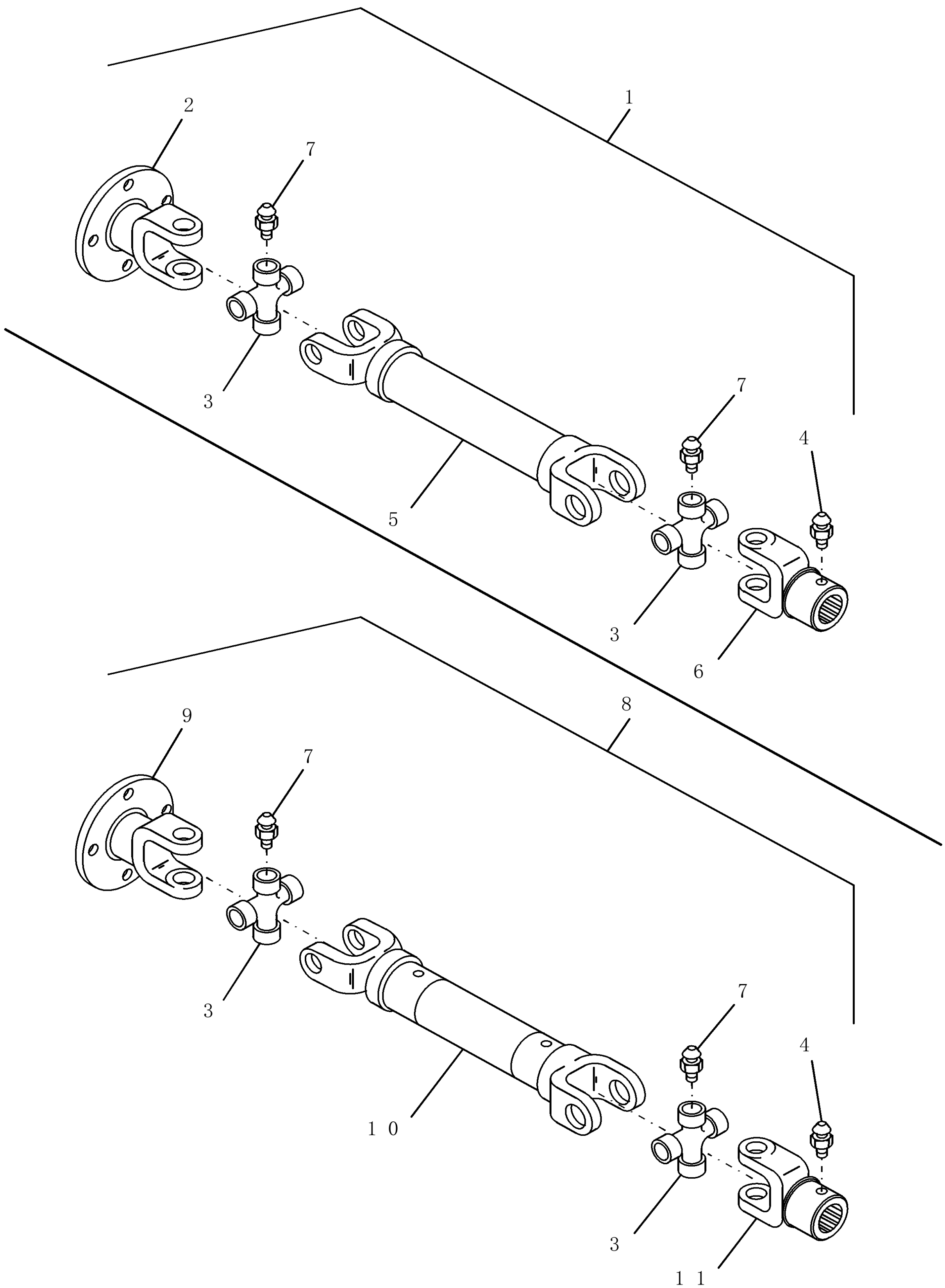
TOP CAP, SHOCK HUB

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		NSS		1	NOT SOLD SEPARAT Gear, 25T
2		572820		1	BREATHER 1/8" NPT
3		NSS		1	NOT SOLD SEPARAT Housing
4		NSS		1	NOT SOLD SEPARAT Bearing
5		9849587		1	OIL SEAL 50.72mm ID x 63.73mm OD x 6.73mm Thk
6		87376403		1	SEAL Hub
7		86589278		1	BELLEVILLE WASHER 17mm ID x 41.5mm OD x 4.5mm Thk
8	1	87579665		1	BOLT 5/8" - 11 x 1-3/4" Cap, 12 Pt, Flg Hd, 5/8"-11 x 1 3/4", Locking Patch
9		574245		1	WASHER 16.76mm ID x 50.8mm OD x 6.35mm Thk
10		NSS		1	NOT SOLD SEPARAT Hub, Shock
11		87376405		1	LOCK WASHER 28.68mm ID x 56mm OD x 6.35mm Thk Splined
12		87581143		1	CAP Ref 20 on Figure 20.14.03[2]
13		87580643		AR	REPAIR KIT Shock Hub
14		87753842		AR	GEAR Kit, Repair, Shock Hub
15		87602273		AR	REPAIR KIT Shock Protect Retrofit
16		87670		4	BOLT 1/2" - 13 x 1-1/4", Full Thd, Gr 5 Not Included in Kit

(1) Loctite patch should be 5 threads long and it starts 2 threads up from the bottom of the bolt.

14.05		p1	3/2020

DRIVE SHAFT, CUTTERBAR



DRIVE SHAFT, CUTTERBAR

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	[1,2]	86519247		1	SHAFT Drive, Includes: Ref. 2 - 7
2		86585339		1	YOKE Plate
3		86515563		2	BEARING ASSY 27.03mm Cap Dia, 63.75mm L Includes: Ref. 4
4		87414		1	LUBE NIPPLE 1/4" - 28 NPT
5	[1,2]	86537484		1	YOKE W/Tube
6		86515565		1	YOKE
7		87414		2	LUBE NIPPLE 1/4" - 28 NPT
8	[3,4]	86565923		1	SHAFT Drive, Includes: Ref. 3, 4, 7, 9, 10, & 11
9		86585339		1	YOKE Plate
10	[3,4]	86585340		1	YOKE W/Tube
11		86591069		1	YOKE

(1) Center Tube does not have 3/8" thru holes

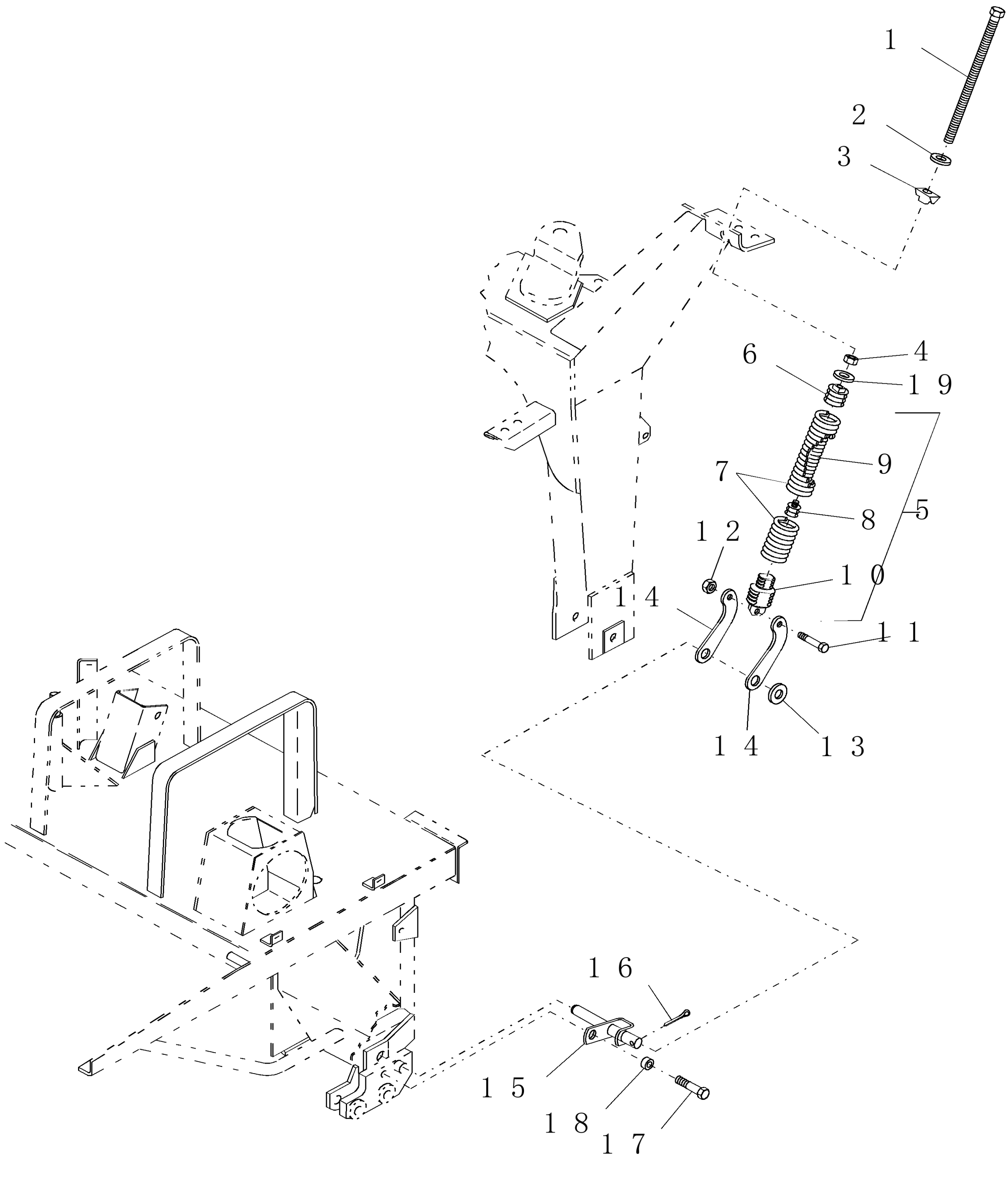
(2) BSN 638669

(3) Center Tube has two 3/8" thru holes

(4) ASN 638669

14.06		p1	3/2020

HEADER SPRINGS



HEADER SPRINGS

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86524072		2	THREADED ROD
2		130358		2	WASHER 16.28mm ID x 38.35mm OD x 4.11mm Thk Hardened, 5/8"
3		694420		2	PIVOT Spring
4		280374		2	NUT Hex, 5/8" - 11, Gr 5
5		86524022		2	SPRING Includes: Ref. 6 - 10
6		621922		2	SPRING NUT Spring, Outer
7		86511080		2	SPRING
8		621920		2	SPRING NUT Spring, Inner
9		86511081		2	SPRING
10		86516325		2	SPRING NUT Spring, Bottom
11		88556		2	BOLT Hex, 5/8" - 11 x 2 1/4", Gr 5
12		86521611		2	FLANGE NUT Flg, 5/8" - 11
13		27373		2	WASHER 29.37mm ID x 50.8mm OD x 3.17mm Thk
14		86629713		4	CONNECTING LINK
15		86522799		2	PIN
16		88182		2	COTTER PIN 1/4" OD x 2" L
17		86521614		2	BOLT Hex, 1/2" - 13 x 1-1/4", Gr 5
18		167381		2	SPACER
19	1,2	130358		2	WASHER 16.28mm ID x 38.35mm OD x 4.11mm Thk Hardened, 5/8"

(1) **ASN 673583**

(2) **May be added to BSN units**

14.07		p1	3/2020

KIT KNIFE BLADE



Front view



Kit view



Inner view



Rear view

KIT KNIFE BLADE

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87298603		1	KIT Includes 2 - 4
2		86515926		24	FLANGE BOLT Hex, 1/2" - 13 x 1.75", Gr 8
3		86532078		24	KNIFE
4		87725066		24	NUT

14.08		p1	3/2020

KIT KNIFE W/14 LIFTERS



Front view



Kit view



Rear view



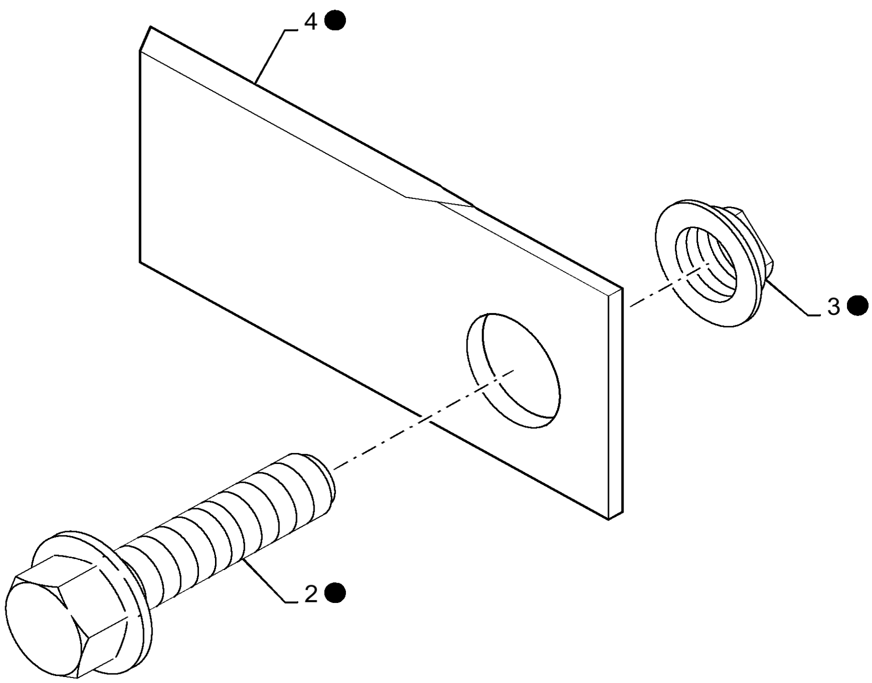
Inner view

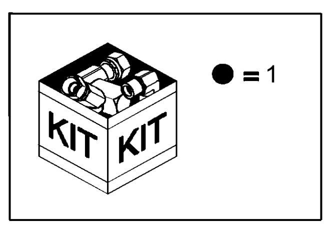
KIT KNIFE W/14 LIFTERS

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87298612		1	KIT Incl 2 - 9
2		86515926		20	FLANGE BOLT Hex, 1/2" - 13 x 1.75", Gr 8
3		86544265		20	FLANGE NUT Flg, 1/2"-13, G8
4		86596673		10	CROP LIFTER CW
5		86596674		10	CROP LIFTER NSS, ORDER KIT CCW
6		86621872		10	BLADE CW
7		86621873		10	BLADE CCW
8		87040886		20	BOLT
9		87725066		20	NUT

14.09		p1	3/2020

KIT KNIFE DISCMOWER CCW W/HARDWARE





KIT KNIFE DISCMOWER CCW W/HARDWARE

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87297011A		1	KIT Incl 2 - 4
2		86515926		2	FLANGE BOLT Hex, 1/2" - 13 x 1.75", Gr 8
3		87725066		2	NUT
4		9847684		2	BLADE Knife CCW

14.10		p1	3/2020

KIT KNIFE 7



Front view



Kit view



Rear view



Inner view

KIT KNIFE 7

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87298599		1	KIT Incl 2 - 5
2		86515926		24	FLANGE BOLT Hex, 1/2" - 13 x 1.75", Gr 8
3		87725066		24	NUT
4		9847683		12	BLADE Knife CW
5		9847684		12	BLADE Knife CCW

14.11	01	p1	3/2020

KIT DISC COMPLETE W/LIFTERS 14CCW



KIT DISC COMPLETE W/LIFTERS 14CCW

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87298440		1	KIT Incl 2 - 9
2		80700		2	WASHER 0.56" ID x 1.38" OD x 0.11" Thk
3		86515926		2	FLANGE BOLT Hex, 1/2" - 13 x 1.75", Gr 8
4		86544265		2	FLANGE NUT Flg, 1/2"-13, G8
5		86596674		2	CROP LIFTER NSS, ORDER KIT CCW
6		86621873		2	BLADE CCW
7		87040886		2	BOLT
8		87646406		1	DISC
9		87725066		2	NUT

14.12	01	p1	3/2020

KIT DISC COMPLETE W/LIFTER 14CW



Front view





Kit view



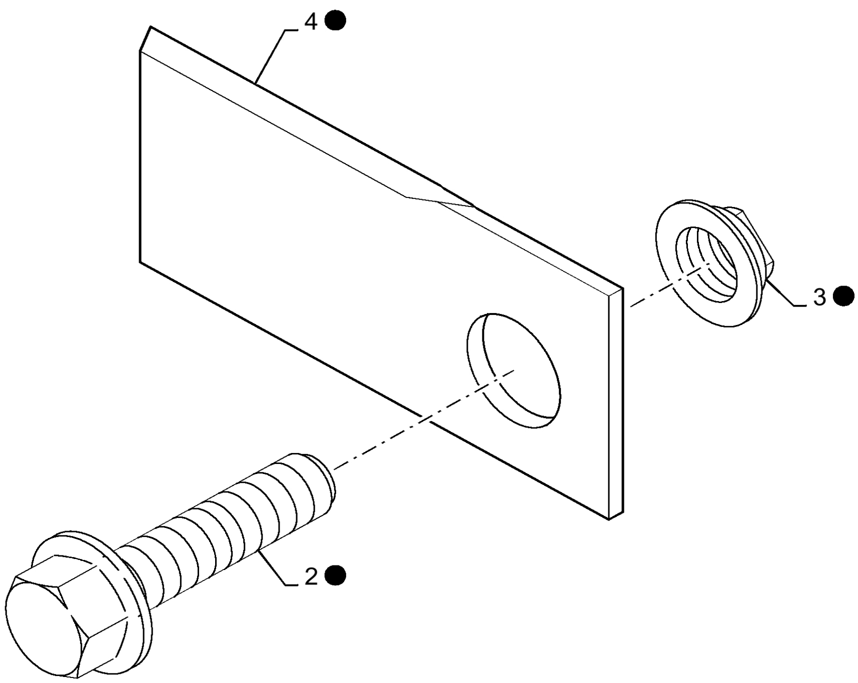
Rear view

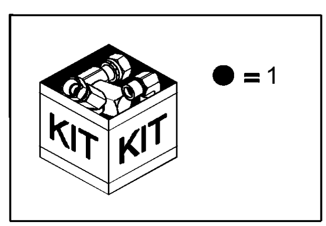
KIT DISC COMPLETE W/LIFTER 14CW

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87298441		1	KIT Incl 2 - 9
2		80700		2	WASHER 0.56" ID x 1.38" OD x 0.11" Thk
3		86515926		2	FLANGE BOLT Hex, 1/2" - 13 x 1.75", Gr 8
4		86544265		2	FLANGE NUT Flg, 1/2"-13, G8
5		86596673		2	CROP LIFTER CW
6		86621872		2	BLADE CW
7		87040886		2	BOLT
8		87646406		1	DISC
9		87725066		2	NUT

14.13		p1	3/2020

KIT KNIFE DISCMOWER CW W/HARDWARE



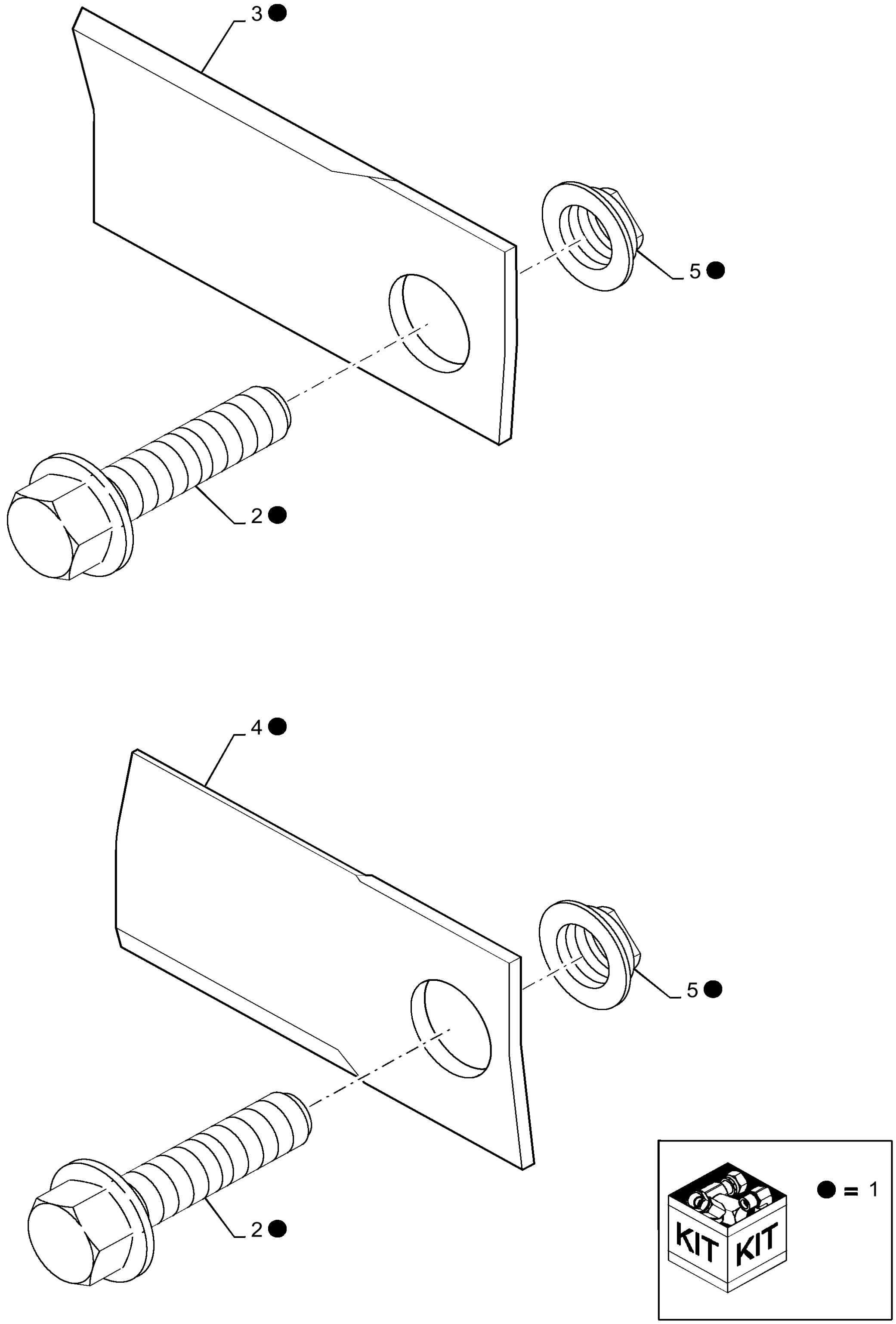


KIT KNIFE DISCMOWER CW W/HARDWARE

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87297009A		1	KIT Incl 2 - 4
2		86515926		2	FLANGE BOLT Hex, 1/2" - 13 x 1.75", Gr 8
3		87725066		2	NUT
4		9847683		2	BLADE Knife CW

14.13	01	p1	3/2020

KIT KNIFE 14



KIT KNIFE 14

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87298594		1	KIT Incl 2 - 5
2		86515926		24	FLANGE BOLT Hex, 1/2" - 13 x 1.75", Gr 8
3		86621872		12	BLADE CW
4		86621873		12	BLADE CCW
5		87725066		24	NUT

14.15	01	p1	3/2020

KIT DISC COMPLETE W/LIFTERS 140SCW



Front view





Kit view



Inner view



Rear view

KIT DISC COMPLETE W/LIFTERS 140SCW

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87298439		1	KIT Incl 2 - 9
2		80700		2	WASHER 0.56" ID x 1.38" OD x 0.11" Thk
3		86515926		2	FLANGE BOLT Hex, 1/2" - 13 x 1.75", Gr 8
4		86544265		2	FLANGE NUT Flg, 1/2"-13, G8
5		86596673		2	CROP LIFTER CW
6		87029587		2	BLADE CW
7		87040886		2	BOLT
8		87646406		1	DISC
9		87725066		2	NUT

14.16	02	p1	3/2020

KIT BUSHING CUTTER BAR

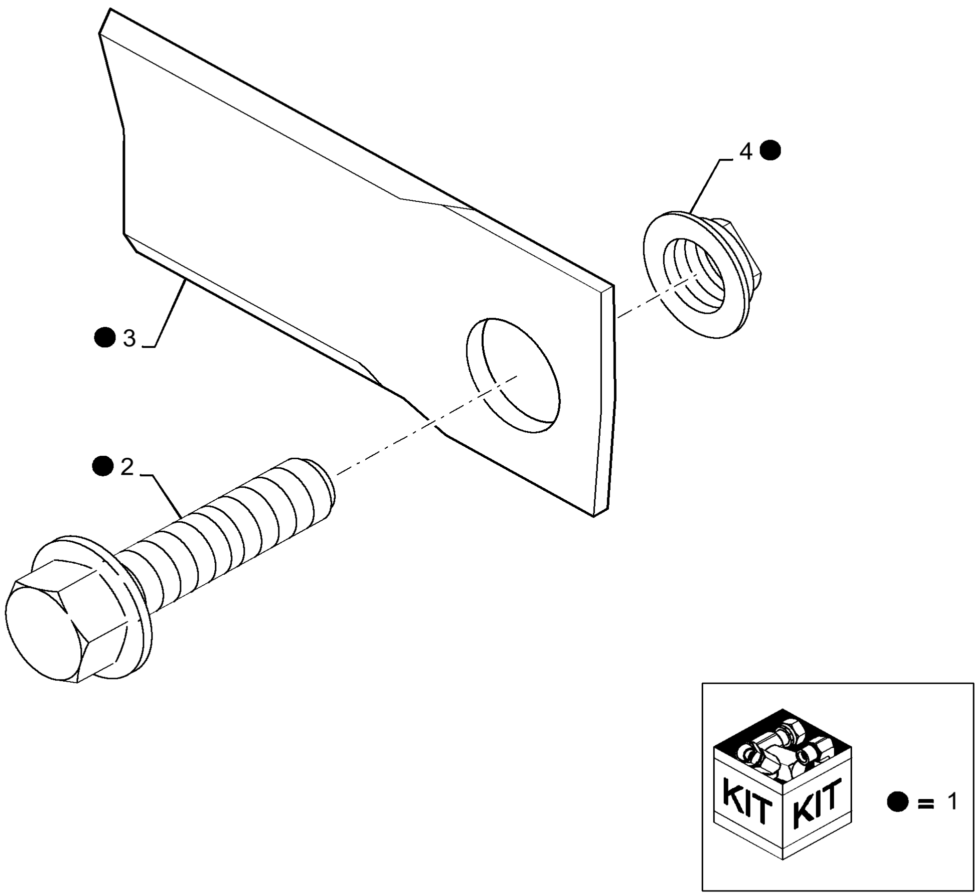


KIT BUSHING CUTTER BAR

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87298426		1	KIT Incl 2 - 6
2		81821513		1	SNAP RING 1 5/8" OD x 0.065" Thk
3		87659928		1	BUSHING 25.4mm ID x 36.5mm OD x 22.23mm L
4		86557260		1	SPECIAL NUT Hex, 3/4" - 10 Nyl Lock Gr 5
5		86571960		1	BOLT
6		87414		1	LUBE NIPPLE 1/4" - 28 NPT

14.17	02	p1	3/2020

KIT KNIFE DISCMOWER CW W/HARDWARE

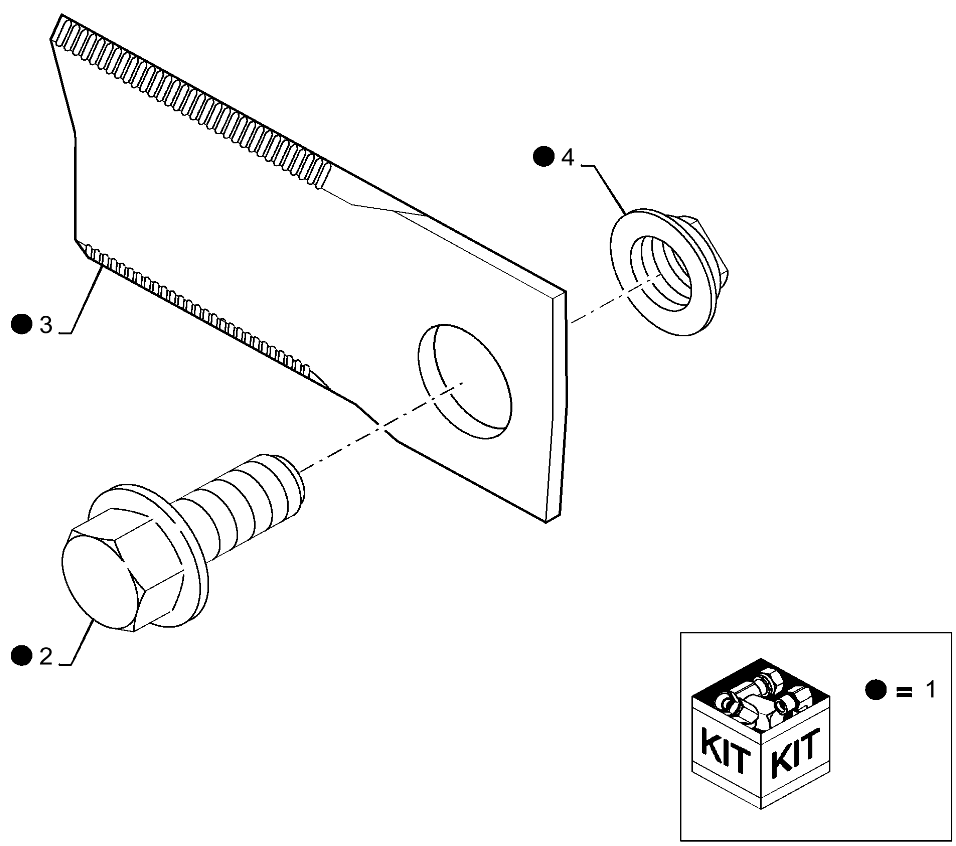


KIT KNIFE DISCMOWER CW W/HARDWARE

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87297010A		1	KIT Incl 2 - 4
2		86515926		2	FLANGE BOLT Hex, 1/2" - 13 x 1.75", Gr 8
3		86621872		2	BLADE CW
4		87725066		2	NUT

14.17	03	p1	3/2020

KIT KNIFE DISC MOWER W/HARDWARE CCW



KIT KNIFE DISC MOWER W/HARDWARE CCW

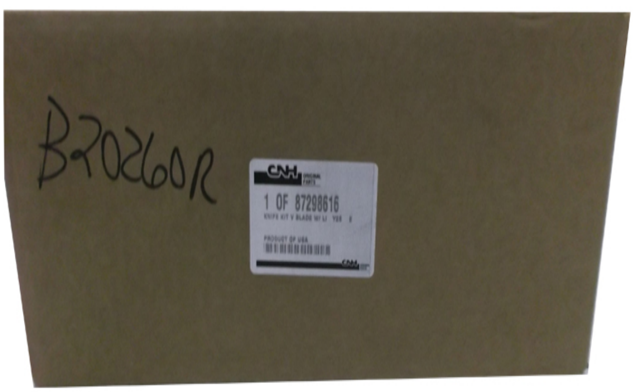
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87298459		1	KIT Incl 2 - 4
2		86515926		2	FLANGE BOLT Hex, 1/2" - 13 x 1.75", Gr 8
3		87029588		2	BLADE
4		87725066		2	NUT

14.17	04	p1	3/2020

KIT KNIFE BLADE W/LIFTER



Inner view



Rear view



Kit view

KIT KNIFE BLADE W/LIFTER

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87298616		1	KIT Incl 2 - 8
2		86515926		20	FLANGE BOLT Hex, 1/2" - 13 x 1.75", Gr 8
3		86532078		20	KNIFE
4		86544265		20	FLANGE NUT Flg, 1/2"-13, G8
5		86596673		10	CROP LIFTER CW
6		86596674		10	CROP LIFTER NSS, ORDER KIT CCW
7		87040886		20	BOLT
8		87725066		20	NUT

14.17	05	p1	3/2020

KIT DISC COMPLETE CCW140S



Front view



Kit view



Inner view



Rear view

KIT DISC COMPLETE CCW140S

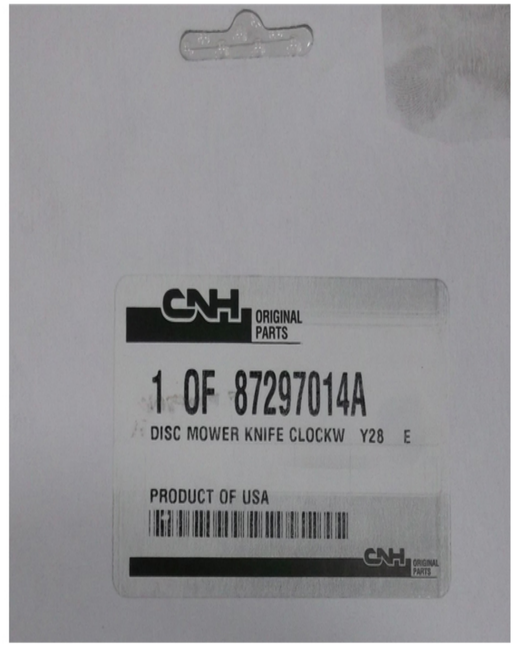
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87298438		1	KIT Incl 2 - 9
2		80700		2	WASHER 0.56" ID x 1.38" OD x 0.11" Thk
3		86515926		2	FLANGE BOLT Hex, 1/2" - 13 x 1.75", Gr 8
4		86544265		2	FLANGE NUT Flg, 1/2"-13, G8
5		86596674		2	CROP LIFTER NSS, ORDER KIT
6		87029588		2	BLADE
7		87040886		2	BOLT
8		87646406		1	DISC
9		87725066		2	NUT

14.17	06	p1	3/2020

KIT KNIFE DISCMOWER CW W/HARDWARE



Front view



Rear view



Kit view

KIT KNIFE DISCMOWER CW W/HARDWARE

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87297014A		1	KIT Incl 2 - 4
2		86515925		2	FLANGE BOLT Hex, 1/2" - 13 x 1", Gr 8
3		87725066		2	NUT
4		9847683		2	BLADE Knife CW

14.17	07	p1	3/2020

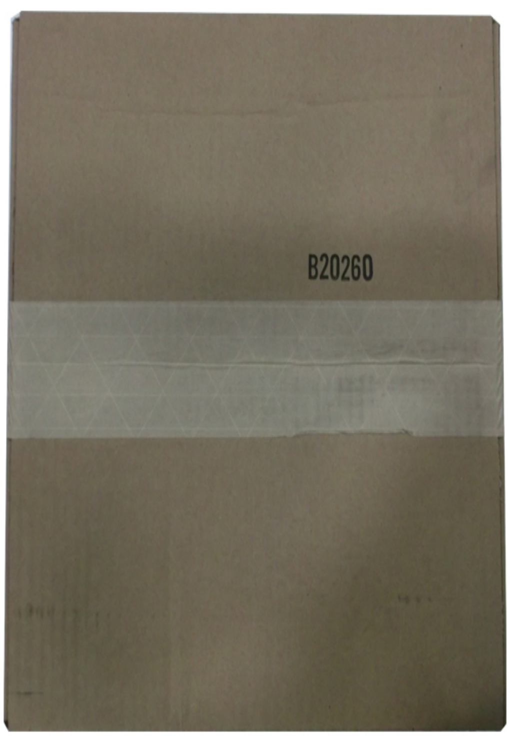
KIT SKID SHOE DISC MOWER 5 PACK W/HARDWARE



Front view



Kit view



Rear view



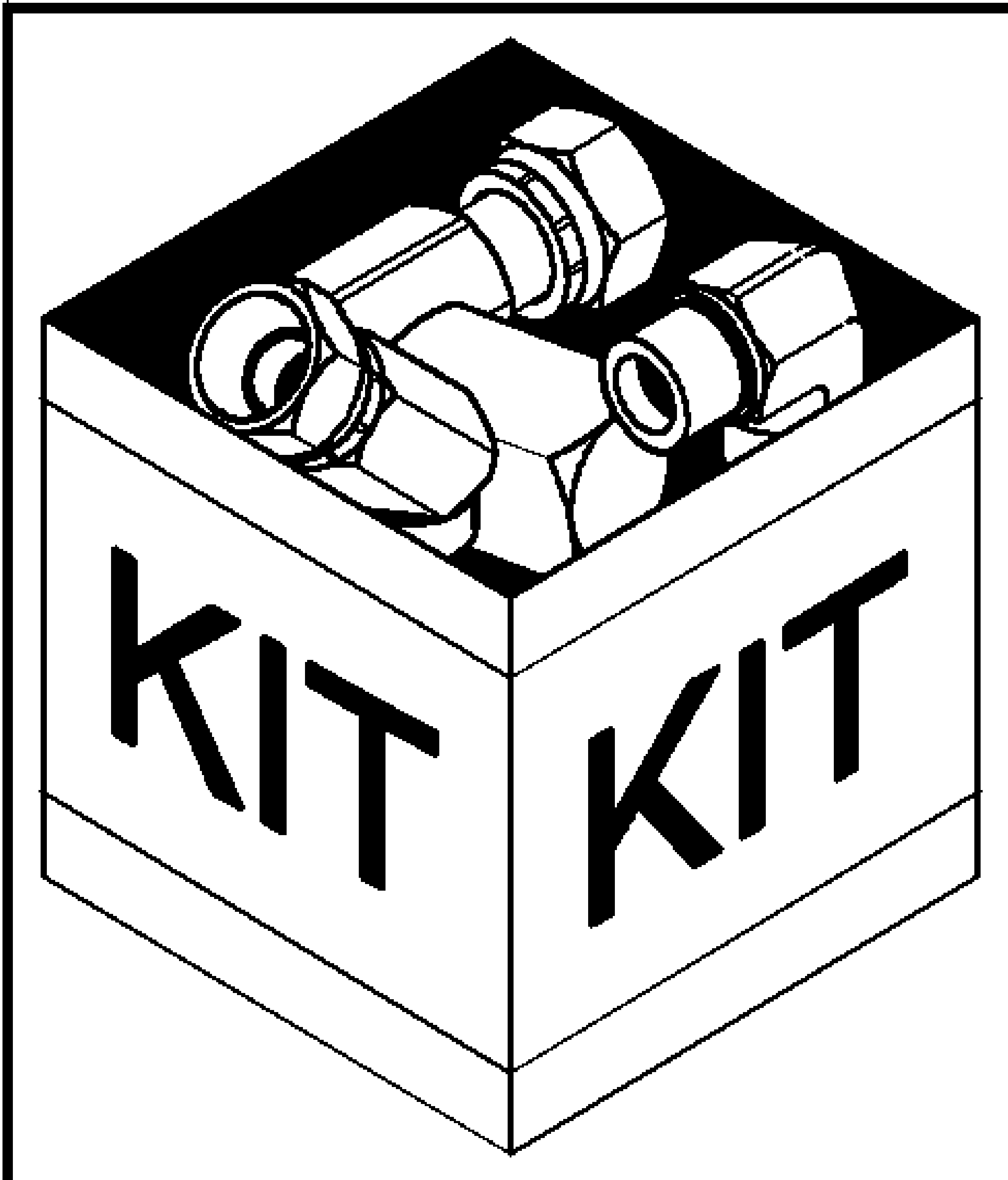
Inner view

KIT SKID SHOE DISC MOWER 5 PACK W/HARDWARE

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87298979		1	KIT Incl 2 - 4
2		86513238		10	LOCK WASHER .515" ID x 1.070" OD x .120" Thk
3		86533474		10	FLANGE BOLT Hex, 1/2" - 13 x 1", Gr 5
4		87047426		5	SKID/SHOE

14.17	08	p1	3/2020

KIT LIFTERS DISC MOWER CW

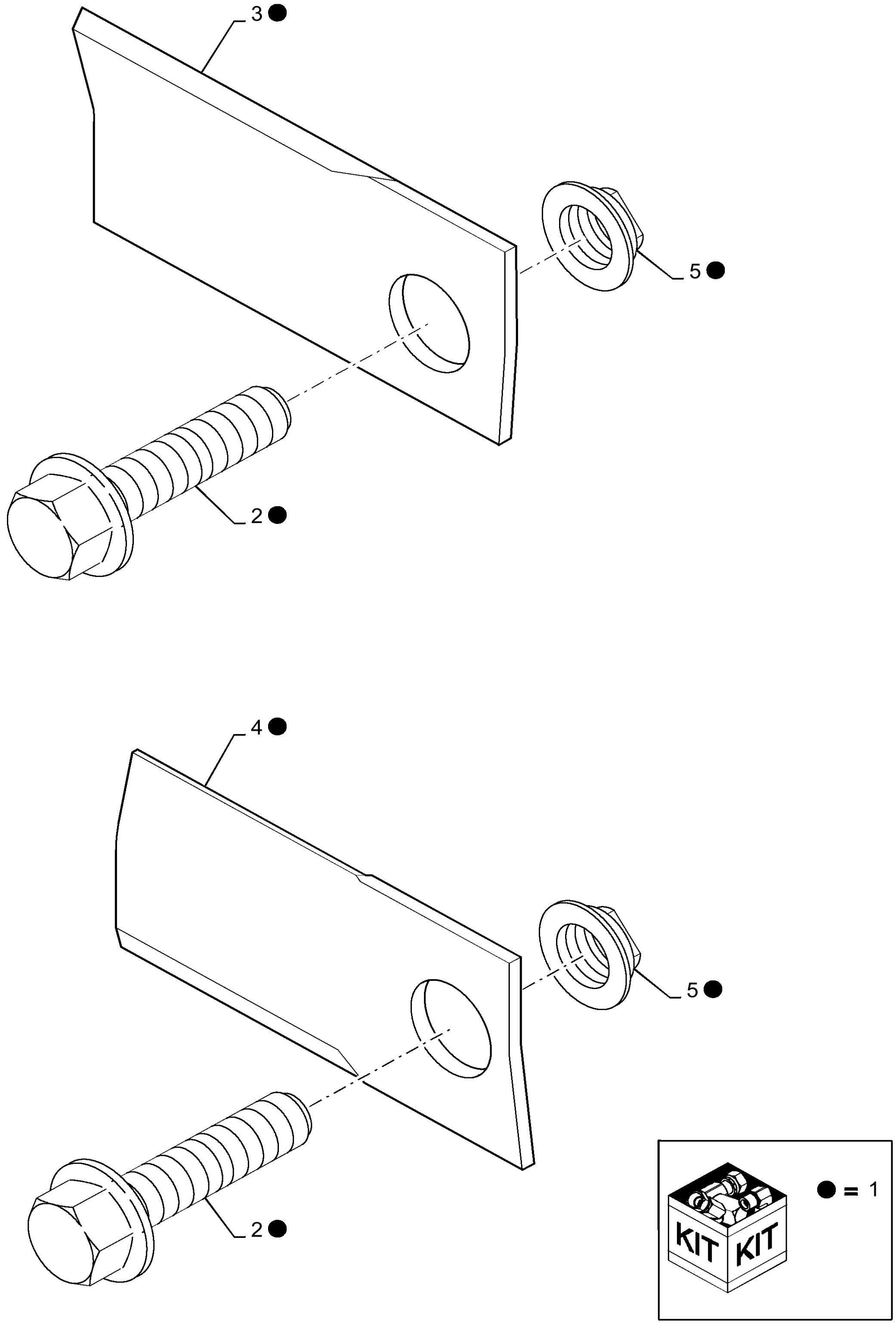


KIT LIFTERS DISC MOWER CW

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87298446		1	KIT Incl 2 - 8
2		87643763		1	INSTRUCTION
3		80700		4	WASHER 0.56" ID x 1.38" OD x 0.11" Thk
4		86515926		4	FLANGE BOLT Hex, 1/2" - 13 x 1.75", Gr 8
5		86544265		4	FLANGE NUT Flg, 1/2"-13, G8
6		86596673		4	CROP LIFTER cw
7		87040886		4	BOLT
8		87725066		4	NUT

14.17	11	p1	3/2020

KIT KNIFE 14

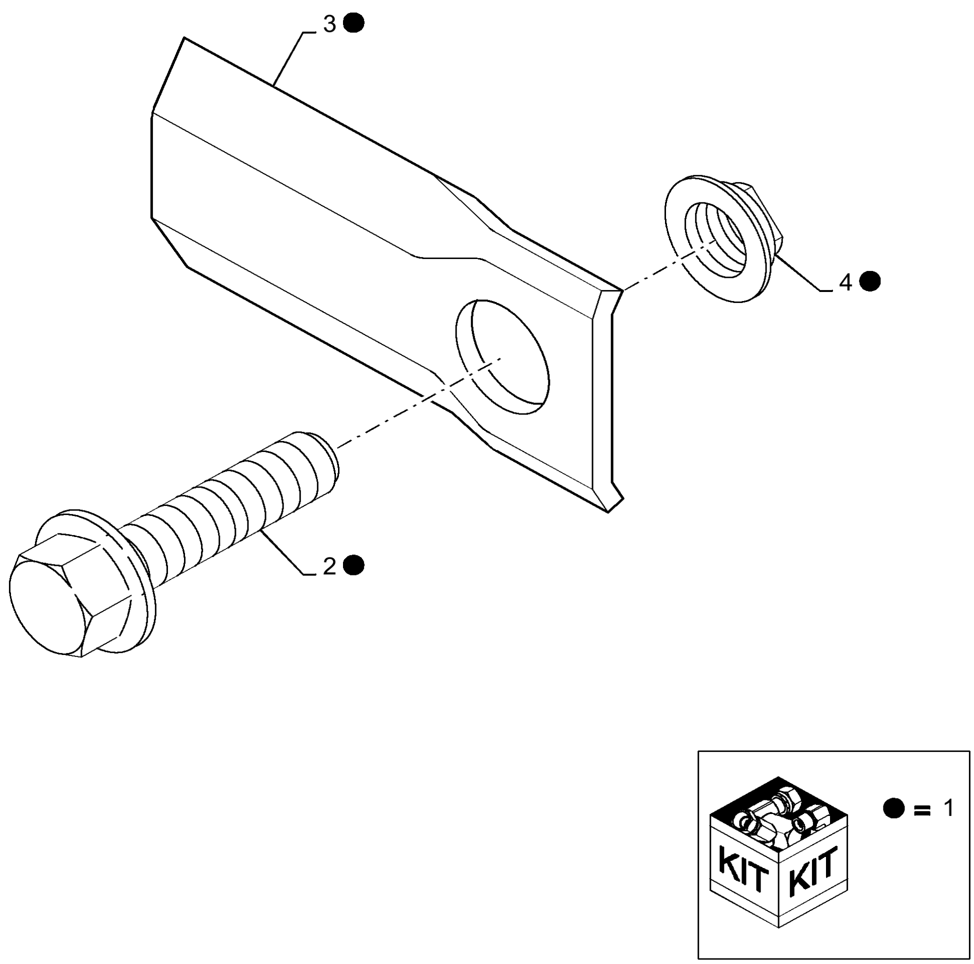


KIT KNIFE 14

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87298595		1	KIT Incl 2 - 5
2		86515926		24	FLANGE BOLT Hex, 1/2" - 13 x 1.75", Gr 8
3		86621872		12	BLADE CW
4		86621873		12	BLADE CCW
5		87725066		24	NUT

14.17	12	p1	3/2020

KIT KNIFE DISCMOWER W/HARDWARE

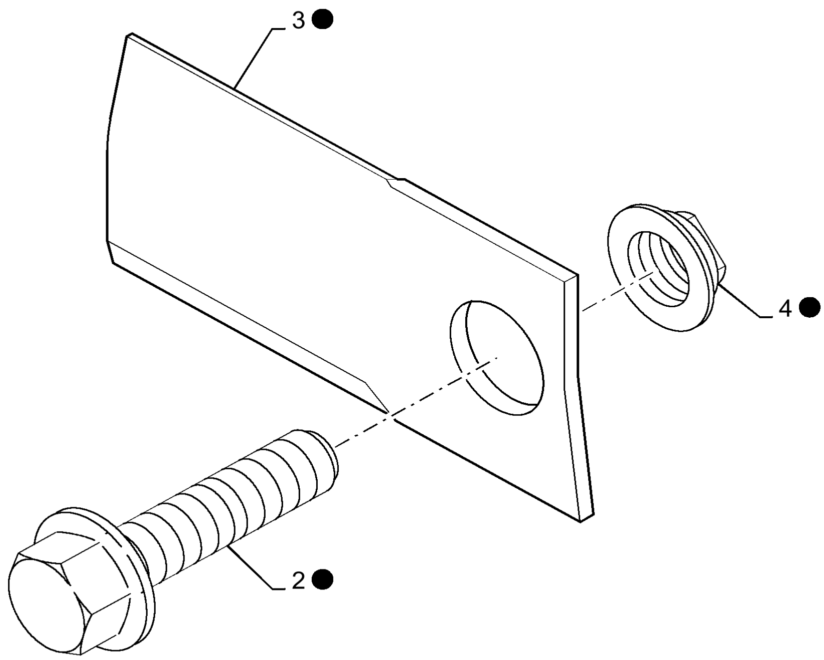


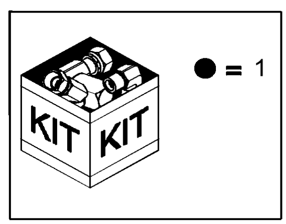
KIT KNIFE DISCMOWER W/HARDWARE

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87297008A		1	KIT Incl 2 - 4
2		86515926		2	FLANGE BOLT Hex, 1/2" - 13 x 1.75", Gr 8
3		86532078		2	KNIFE
4		87725066		2	NUT

14.17	14	p1	3/2020

KIT KNIFE DISCMOWER CCW W/HARDWARE



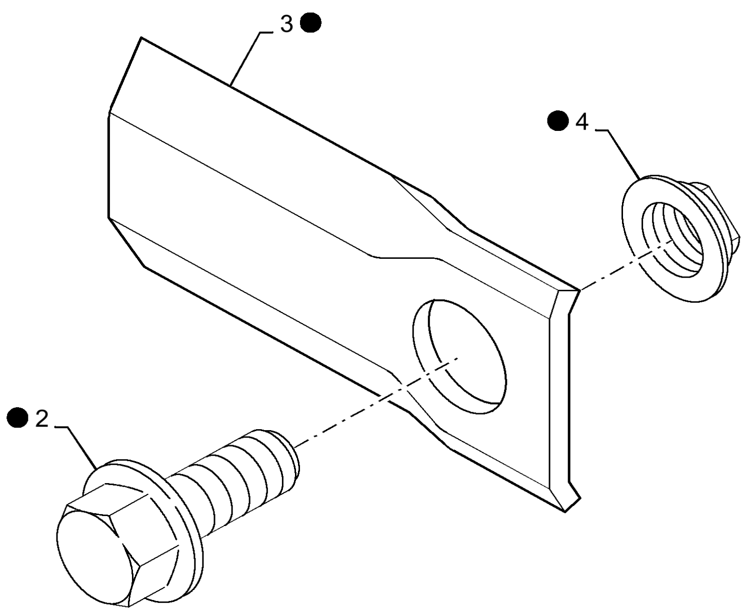


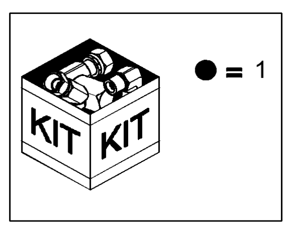
KIT KNIFE DISCMOWER CCW W/HARDWARE

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87297012A		1	KIT Incl 2 - 4
2		86515926		2	FLANGE BOLT Hex, 1/2" - 13 x 1.75", Gr 8
3		86621873		2	BLADE CCW
4		87725066		2	NUT

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KIT KNIFE ROCK CONDITION DISCMOWER W/ HARDWARE





KIT KNIFE ROCK CONDITION DISCMOWER W/ HARDWARE

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87297013A		1	KIT Incl 2 - 4
2		86515925		2	FLANGE BOLT Hex, 1/2" - 13 x 1", Gr 8
3		86532078		2	KNIFE
4		87725066		2	NUT

SECTION INDEX

CROP CONDITIONING

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CONDITIONER ROLLS DRIVE SHAFTS, BSN-638779



CONDITIONER ROLLS DRIVE SHAFTS, BSN-638779

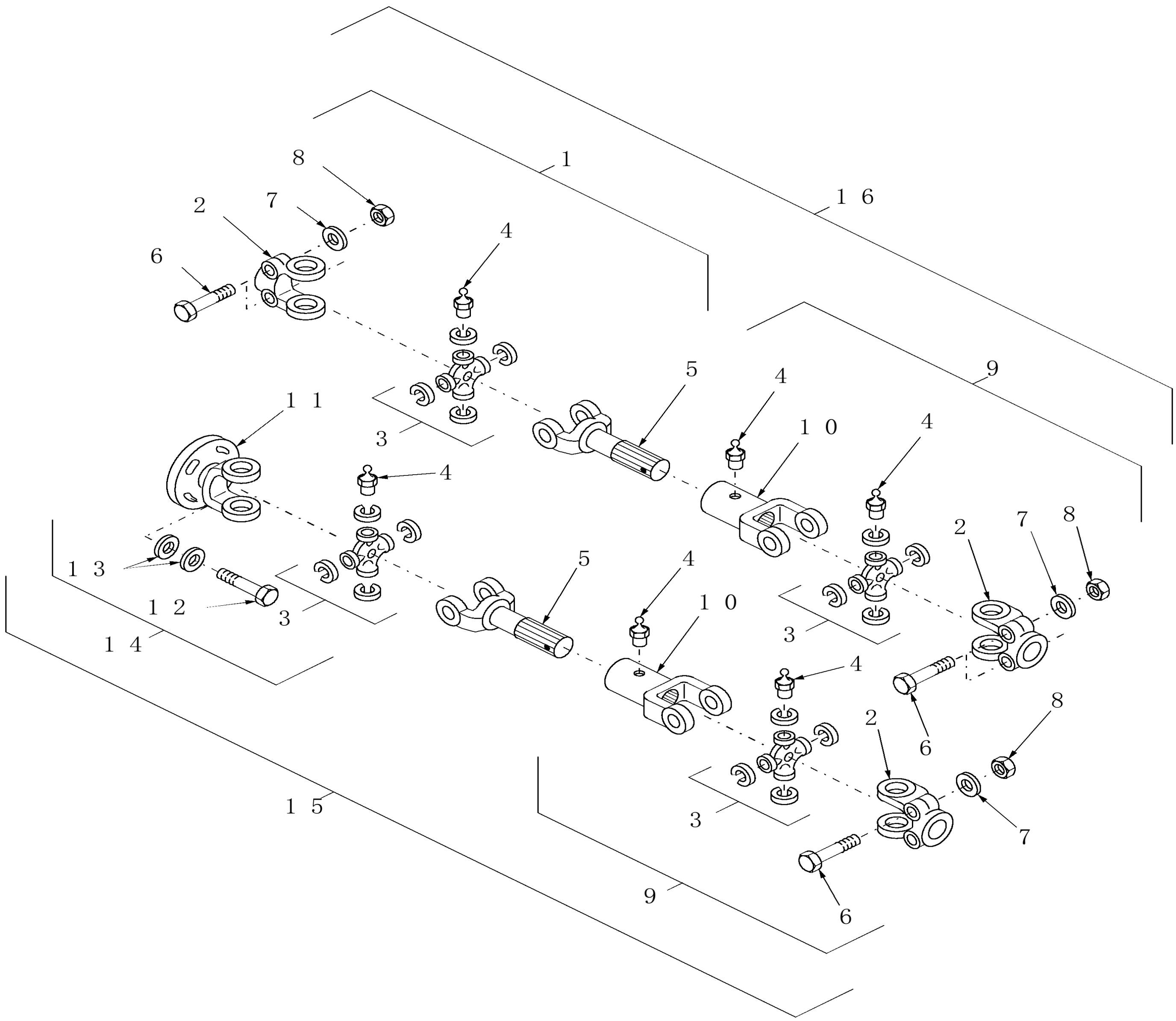
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	86508123		1	YOKE W/Shaft, Includes: Ref. 2 - 5
2		86507085		3	YOKE Clamp
3		9847253		4	BEARING ASSY Includes: Ref. 4
4		87414		6	LUBE NIPPLE 1/4" - 28 NPT
5		9847937		2	YOKE W/Shaft
6		88009		6	BOLT Hex, 1/2" - 20 x 2 1/4", Gr 5
7		80679		6	LOCK WASHER 1/20.507 CST ZND
8		280963		6	NUT Nut, 1/2-20 GR 5 ZND
9	2	86508124		2	YOKE W/Slip Yoke Includes: Ref. 2 - 4, & 10
10		9847938		2	YOKE Slip, Includes: Ref. 4
11		86533168		1	YOKE Flange
12		87909		4	BOLT Hex, 1/2" - 13 x 1", Gr 5
13		65319		8	WASHER 13.1mm ID x 25.4mm OD x 3.68mm Thk
14		9848321		1	YOKE Flange & Shaft Includes: Ref. 3, 5 & 11

(1) **When ref. 1 is replaced, ref. 9 must also be replaced, and vice versa, due to a design change.**

(2) **When ref. 9 is replaced, ref. 1 must also be replaced, and vice versa, due to a design change.**

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CONDITIONER ROLLS DRIVE SHAFTS, TIMED, ASN-638779



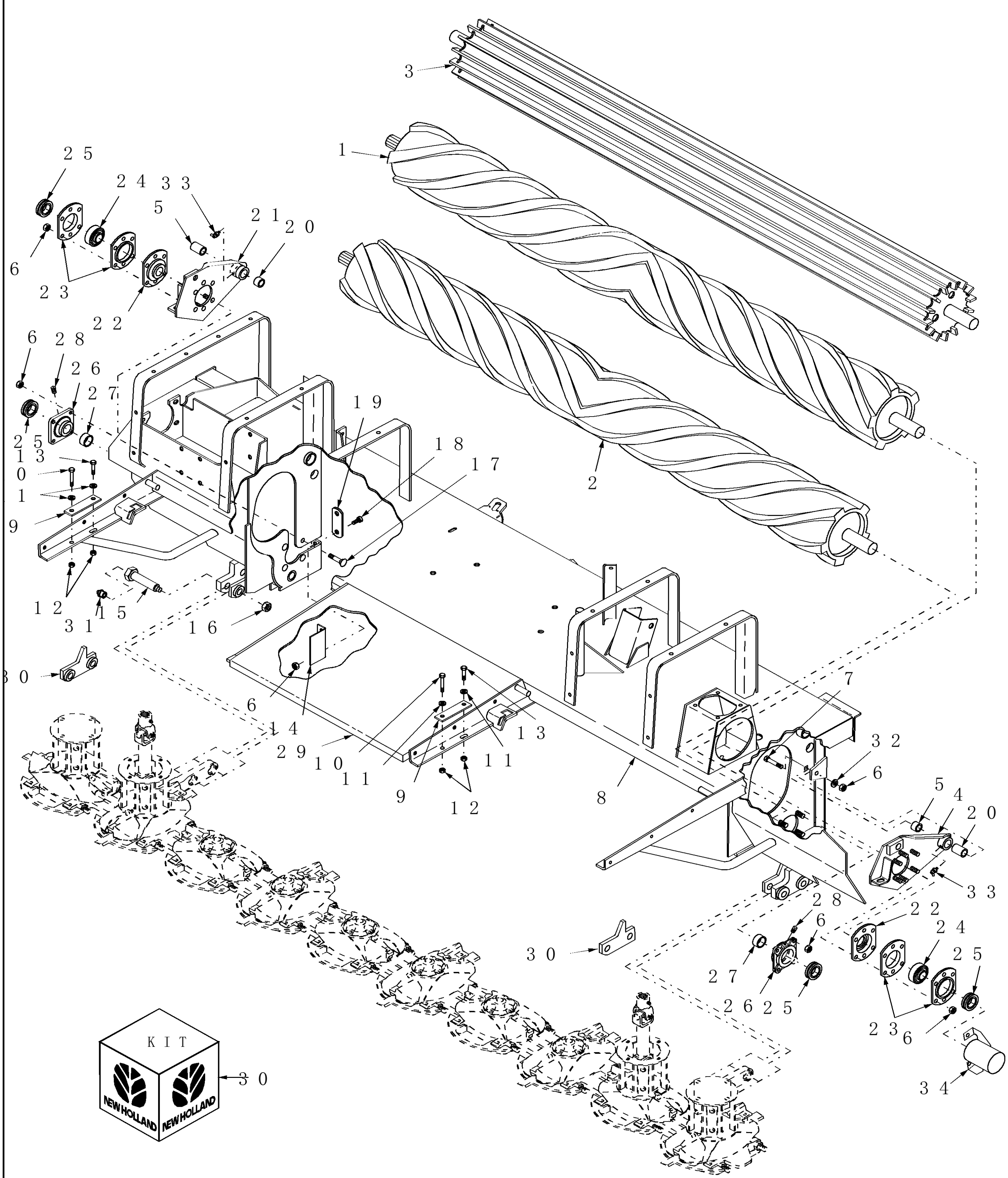
Do Not Mix Components W/ Untimed PTO's

CONDITIONER ROLLS DRIVE SHAFTS, TIMED, ASN-638779

REF FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	86571222		1	PTO Yoke & Shaft, Includes: Ref. 2 - 5
2	86507085		3	YOKE Clamp
3	9847253		4	BEARING ASSY Includes: Ref. 4
4	87414		6	LUBE NIPPLE 1/4" - 28 NPT
5	86571226		2	YOKE Shaft, Timed
6	88009		6	BOLT Hex, 1/2" - 20 x 2 1/4", Gr 5
7	80679		6	LOCK WASHER 1/20.507 CST ZND
8	280963		6	NUT Nut, 1/2-20 GR 5 ZND
9	86571224		2	PTO Yoke & Slip Yoke, Includes: Ref. 2 - 4, & 10
10	86571225		2	YOKE Slip, Timed, Includes: Ref. 4
11	86533168		1	YOKE Flange
12	87909		4	BOLT Hex, 1/2" - 13 x 1", Gr 5
13	65319		8	WASHER 13.1mm ID x 25.4mm OD x 3.68mm Thk
14	86571223		1	PTO Flange Yoke & Shaft, Includes: Ref. 3, 5, & 11
15	86595841		1	PTO Includes: Ref. 2, 3, 5, 9, 10, 11, & 14
16	86595840		1	PTO Includes: Ref. 1, 2, 3, 5, 9, & 10

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CONDITIONER ROLLS



CONDITIONER ROLLS

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		87489875		1	ROLL Chevron Rubber Upper
2		87490270		1	ROLL Rubber, Lower
3	1	86594327		2	ROLL Steel, Slatted, DO NOT INTERMIX WITH RUBBER ROLLS
3A		84294055		1	ROLL Steel, Chevron, Upper
3B		84294053		1	ROLL Steel, Chevron, Lower
4	2	86629686		1	ARM Roll, Includes: Ref. 5
4	3	87056485		1	ARM ASSY. Roll, LH, Includes: Ref. 5
5		86540342		2	BUSHING 30.15mm ID x 36.41mm OD x 19.05mm L
6		86521607		24	FLANGE NUT Flg, 1/2" - 13, Gr 5
7		280818		2	CARRIAGE BOLT Sq Nk, 1/2" - 13 x 3", Gr 5
8	4,5	86567241		1	FRAME Header, Short Drums
8	6	86629886		1	FRAME Header, Long Drums
9		849495		4	RUBBER PAD
10		88275		4	BOLT Hex, 5/16" - 18 x 1-1/2", Gr 5
11		80664		8	WASHER 0.38" ID x 0.88" OD x 0.08" Thk
12		9823743		8	FLANGE NUT Flg, 5/16" - 18
13		86521553		4	BOLT Hex, 5/16" - 18 x 1", Gr 5
14		86515576		1	SHIELD
15		86571960		4	BOLT Cutterbar Mounting
16		86557260		4	SPECIAL NUT Hex, 3/4" - 10 Nyl Lock Gr 5 Special, Lock, 3/4"-10
17		280420		1	CARRIAGE BOLT Sq Nk, 1/2" - 13 x 1-1/2", Gr 5, Full Thd

(1) Refer To Service Bulletin 2000/7-H5 For Additional Parts And Installation Requirements

(2) Prior To PIN 1191100

(3) From PIN 1191100

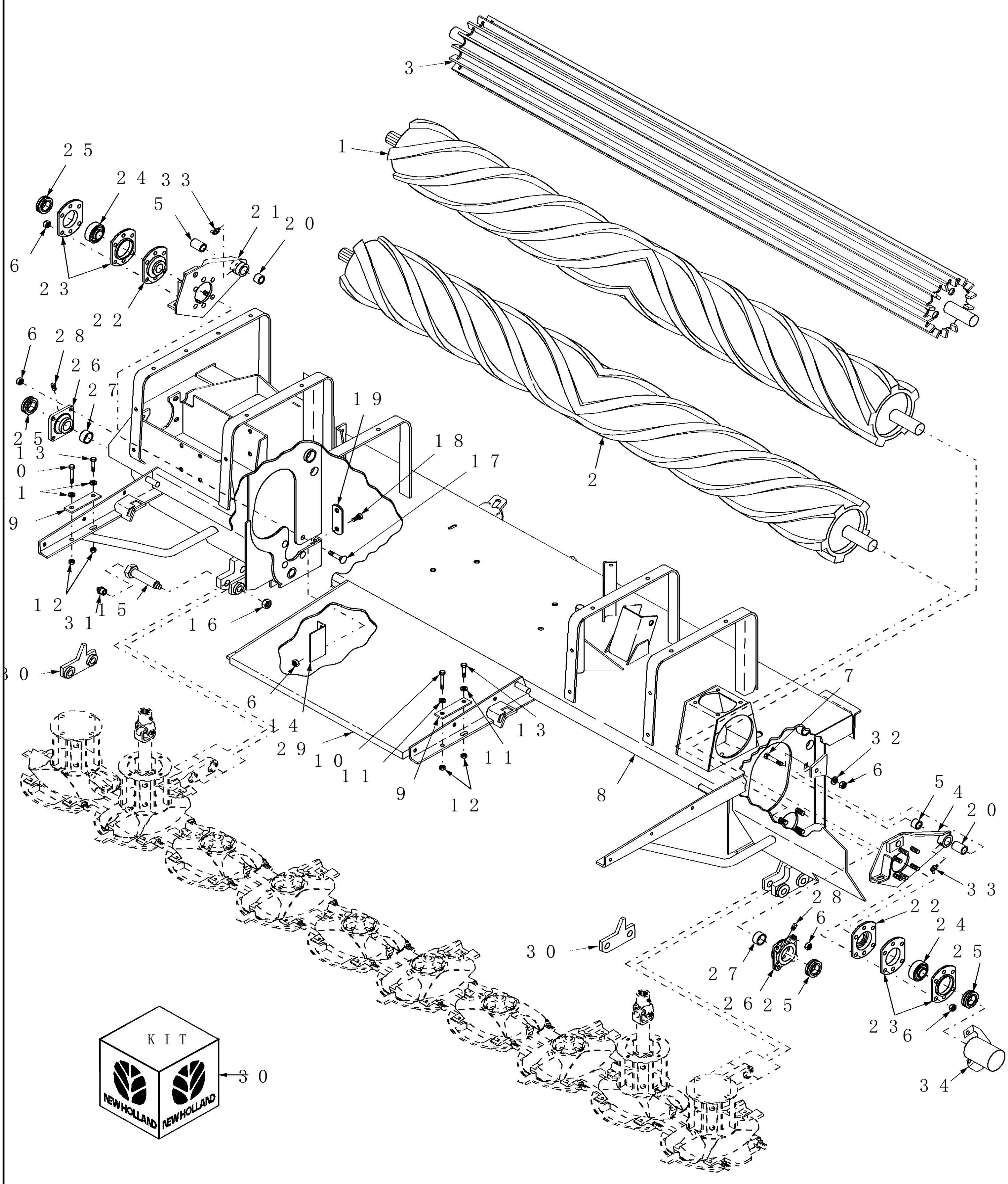
(4) BSN 650209

(5) These additional parts are necessary to replace frame 86567241 with 86629886 on units bsn 650209:

(6) ASN 650209

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CONDITIONER ROLLS



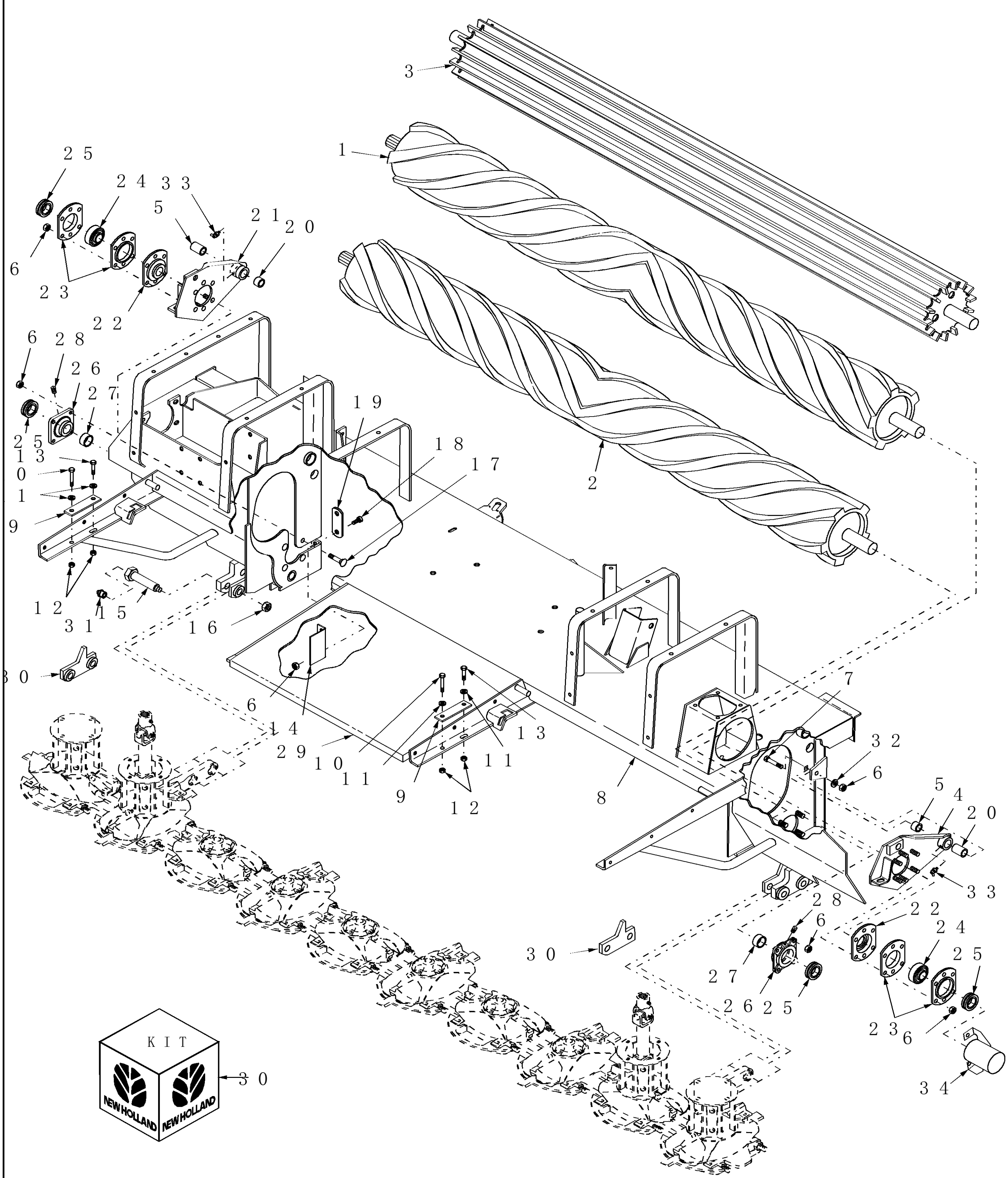
CONDITIONER ROLLS

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
18		86521614		2	BOLT Hex, 1/2" - 13 x 1-1/4", Gr 5
19		48324		1	PLATE Upper
20		9849929		2	SPACER
21	1	86629687		1	ARM Roll, Includes: Ref. 5
21	2	87055307		1	ARM Roll, RH, Includes: Ref.
22		86633047		2	SHROUD
23		86629969		4	FLANGE
24		86575514		2	BALL BEARING 34.92mm ID x 80mm OD x 24.3mm W
25		45393		4	COLLAR Lock 35 mm
26		86575515		2	BEARING ASSY BSN 663578, Also need 27
26	3	86575514		2	BALL BEARING 34.92mm ID x 80mm OD x 24.3mm W Bearing Only
26	4,5	86573043		2	BEARING ASSY Also Requires Ref. 27 But Not Ref 28
27	3	86573045		2	SPACER 34.6mm ID x 75.6mm OD x 33.8mm L
28	6	86539484		2	PIPE PLUG Sq Hd, 1/8"-27, NTPF Not used W/Ref. 26, 86573043 Bearing
29	7	86626535		1	COVER Includes: Decals
29	8	86626535		1	COVER Includes: Decals
29		86611825		1	WARNING DECAL No Step - English
29		86628571		1	WARNING DECAL Stand Clear, English
29		86629518		1	WARNING DECAL Stand Clear - French
29		86629519		1	WARNING DECAL Stand Clear - Spanish

(1) **Prior To PIN 1191100**
(2) **From PIN 1191100**
(3) **BSN and ASN 663578**
(4) **Also Used To Replace Older Bearings**
(5) **ASN 663578**
(6) **BSN 663578**
(7) **BSN 657934**
(8) **ASN 657983**

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CONDITIONER ROLLS



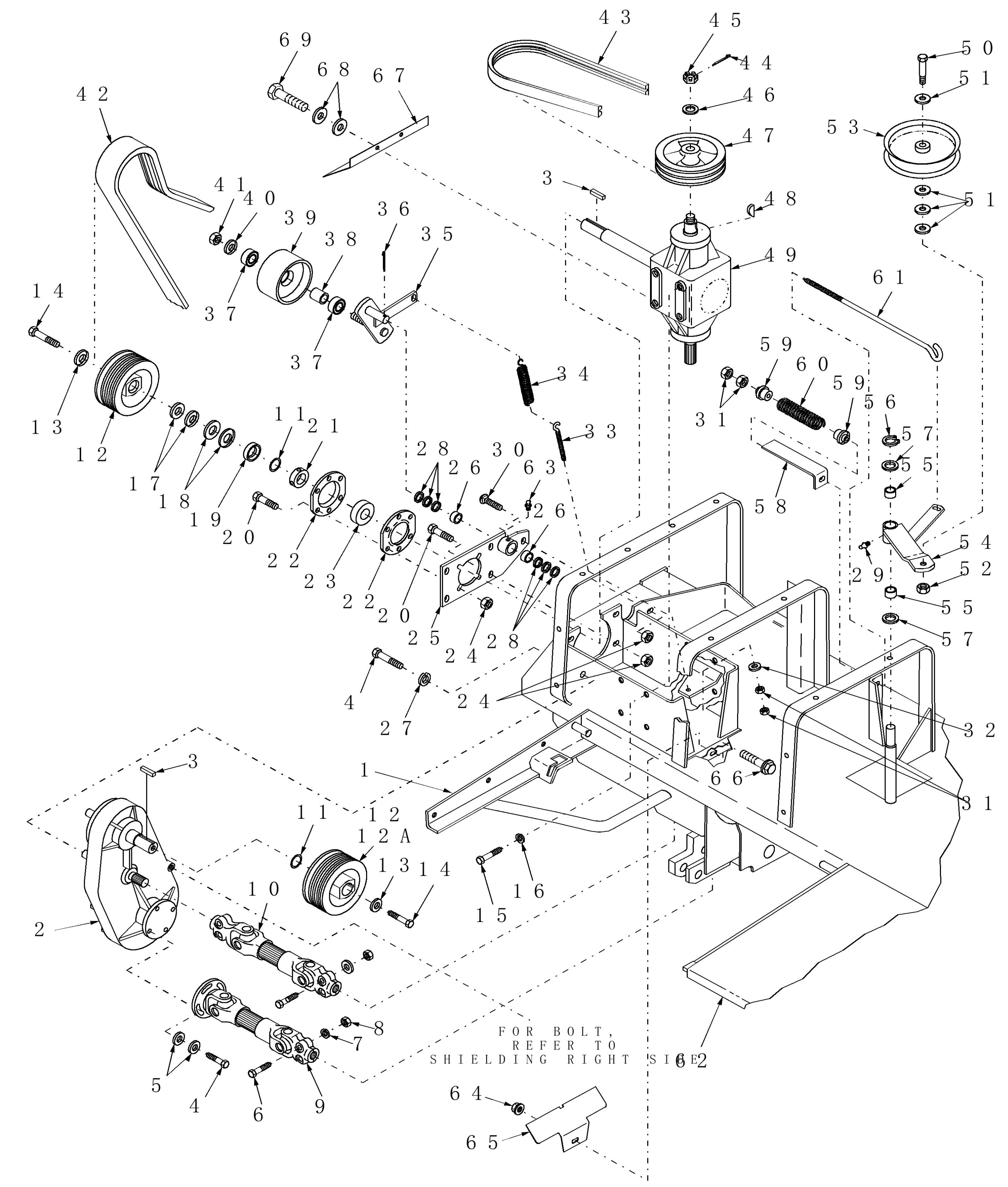
CONDITIONER ROLLS

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
29		86539557		1	DECAL WARNING-CLOSE SHIELD PRIOR
30		86565127		1	KIT Cutterbar Support, Includes: (1) LH Support & (1) RH Support
31		87414		4	LUBE NIPPLE 1/4" - 28 NPT
32		86513238		2	LOCK WASHER .515” ID x 1.070” OD x .120” Thk Belleville, 1/2"
33		87569		2	LUBE NIPPLE 45 Degree, 1/4" NPT x 4/5" L, Drive
34	1	86607882		2	TUBE 115 mm L

(1) ONLY Used With Steel Rolls. Attaches With Existing Hardware

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CONDITIONER DRIVES



CONDITIONER DRIVES

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1,2	86567241		1	FRAME Header, Short Drums
1	3	86629886		1	FRAME Header, Long Drums
2		86592075		1	GEARBOX Forged Gears, Refer to Fig. 03.03
2		86592075R		1	REMAN-GEARBOX GEARBOX Reman Gearbox, 1431 Pivot Tongue Disc Mower 1/97 - 8/08
2		86592075C		1	CORE-GEARBOX GEARBOX Return Number
3		87485		1	KEY 50.8mm OAL x 7.96mmThk 5/16" Sq x 2"
4		87909		9	BOLT Hex, 1/2" - 13 x 1", Gr 5
5		65319		8	WASHER 13.1mm ID x 25.4mm OD x 3.68mm Thk
6		88009		6	BOLT Hex, 1/2" - 20 x 2 1/4", Gr 5
7		80679		6	LOCK WASHER 1/20.507 CST ZND
8		280963		6	NUT Nut, 1/2-20 GR 5 ZND
9		0C		1	ORDER COMPONENTS U-Joint Flanged, Refer to Fig. 15.01 & 15.01-1
10		0C		1	ORDER COMPONENTS U-Joint, Refer to Fig. 15.01 & 15.01-1
11		626286		2	SNAP RING 1-1/2", Int Ext, 1.50"
12	4,5	86632264		AR	PULLEY 7" OD
12A	6,3	86570251		1	PULLEY 6" OD
13		574245		2	WASHER 16.76mm ID x 50.8mm OD x 6.35mm Thk Hardened, Special, M16
14		9627896		2	BOLT Hex, 5/8" - 11 x 1-3/4", Gr 5
15		280319		8	BOLT Hex, 5/8" - 11 x 1 1/4", Gr 5, Full Thd

(1) **BSN 650209**

(2) **These additional parts are necessary to replace frame 86567241 with 86629886 on units bsn 650209:**

(3) **ASN 650209**

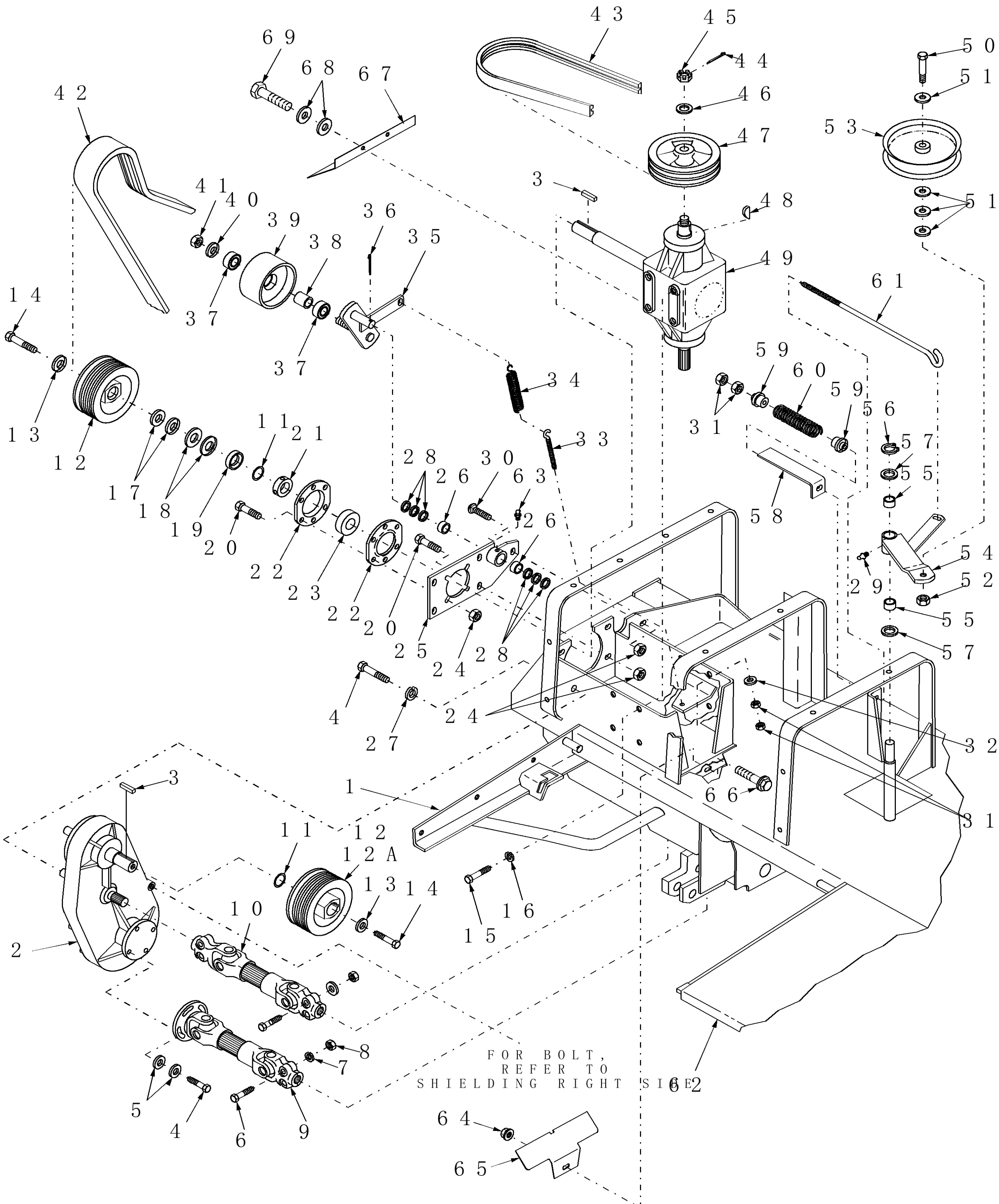
(4) **BSN 650209 (2), ASN 650209(1)**

(5) **Use (2) Ref. 12's And (1) Ref. 42 For 640RPM Roll Speed**

(6) **Use (1) Ref. 12 & (1) Ref 12A PLUS Ref.42A For 740RPM Roll Speed**

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CONDITIONER DRIVES

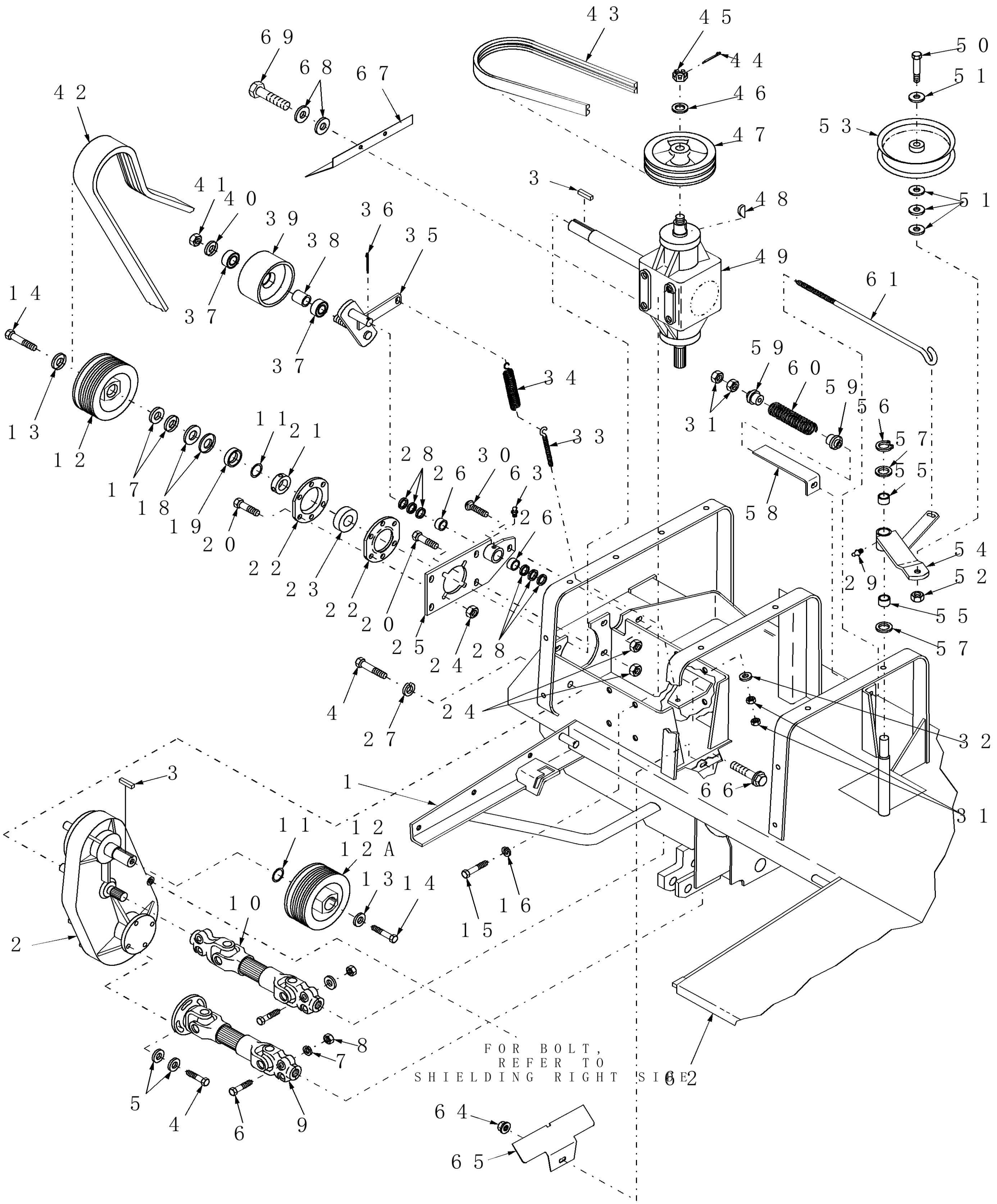


CONDITIONER DRIVES

REF FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
16	140048		8	BELLEVILLE WASHER M16 Bolt Size x 32mm OD x 2.8mm Thk
17	28581		AR	WASHER 38.9mm ID x 60.3mm OD x 3.5mm Thk
18	28691		AR	WASHER 39mm ID x 60mm OD x 0.89mm Thk
19	86510186		1	SPACER
20	86521614		8	BOLT Hex, 1/2" - 13 x 1-1/4", Gr 5
21	52444		1	COLLAR 38.2mm ID x 60.33mm OD x 18.3mm Thk & Screw
22	86629969		2	FLANGE
23	52443		1	BALL BEARING 38.1mm ID x 79.99mm OD x 22mm W
24	86521607		9	FLANGE NUT Flg, 1/2" - 13, Gr 5
25	86632943		1	PLATE Includes: Ref. 26
26	27767		2	BUSHING
27	86513238		5	LOCK WASHER .515” ID x 1.070” OD x .120” Thk Belleville, 1/2"
28	26402		AR	WASHER 25.8mm ID x 38.1mm OD x 1.7mm Thk
29	87414		2	LUBE NIPPLE 1/4" - 28 NPT
30	87868		1	CARRIAGE BOLT Sq Nk, 1/2" - 13 x 1 1/4", Gr 5, Full Thd
31	9628503		4	NUT 3/8" - 16, Gr 5
32	80702		1	WASHER 0.44" ID x 1" OD x 0.08" Thk
33	36835		1	EYEBOLT Eye, 3/8" - 16 x 6-1/2" Gr 2 G2, 3/8"-16 x 6-1/2"
34	86572215		1	SPRING Extension, 25.58mm OD x 240.18mm L
35	86632284		1	ARM
36	87398		1	COTTER PIN 3/16" OD x 1-1/4" OAL
37	87029275		2	BEARING 19mm ID x 45.2mm OD x 15.5mm W
38	217994		1	SPACER 3/4" ID x 1" OD x 1-1/4" L 3/4" ID x 1"x 1-1/4" L

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CONDITIONER DRIVES



CONDITIONER DRIVES

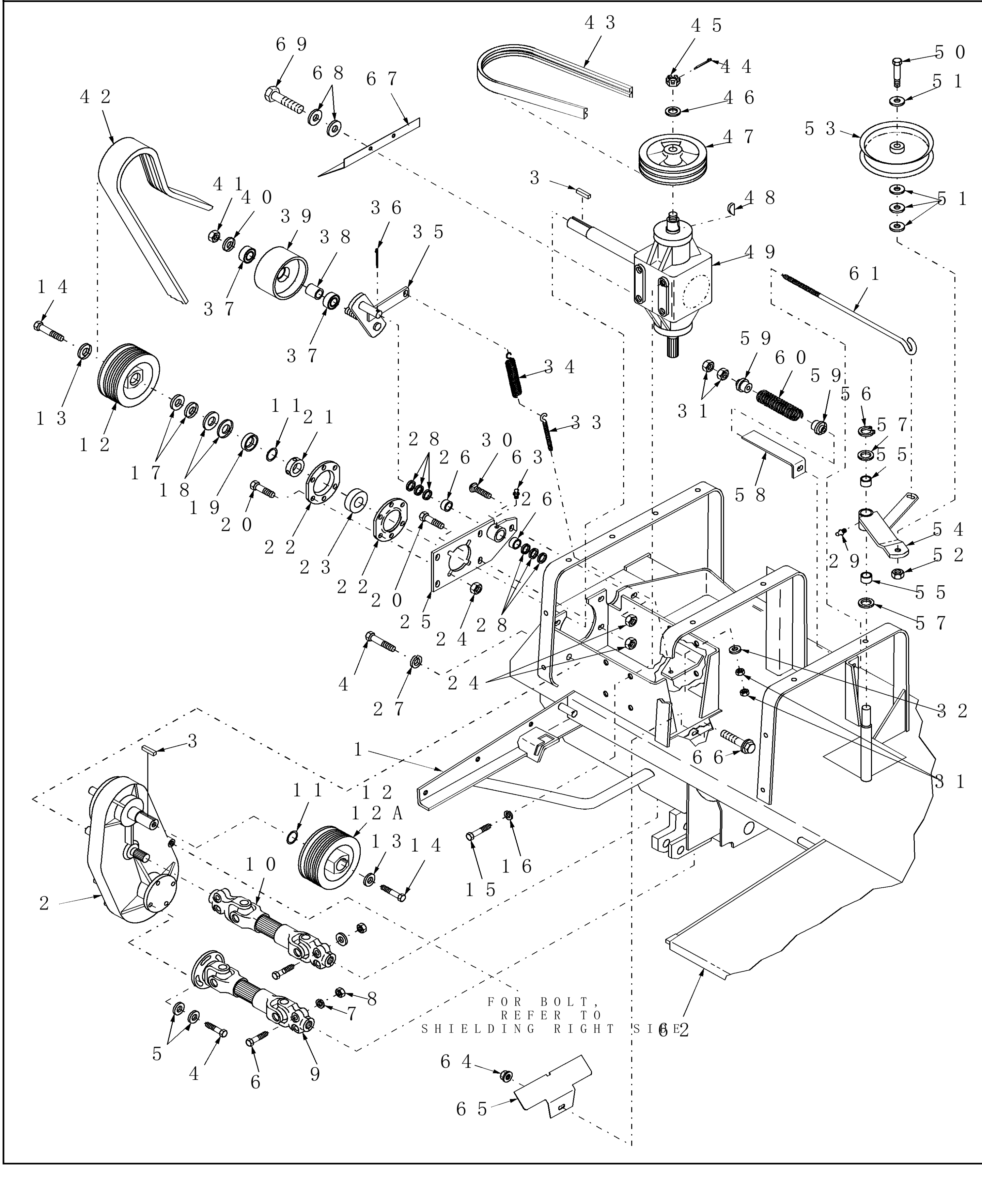
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
39		86632727		1	IDLER
40		86512328		1	WASHER 19.46mm ID x 35.05mm OD x 3.43mm Thk
41		280375		1	NUT 3/4" - 10, Gr C
42	1	86627810		1	V-BELT 0.66" W x 55.70" L, 4 Ribs For 640RPM Roll Speed Using (2) Ref. 12's
42A	2	86627797		1	V-BELT 0.66" W x 54.20" L, 4 Ribs For 740RPM Roll Speed Using (1) Ref.12 & (1) Ref. 12A
43		86627796		1	V-BELT 0.66" W x 147.00" L, 2 Ribs
44		V12820		1	COTTER PIN 1/8" x 2"
45		49027		1	SLOTTED NUT Slotted, G2, 1"-20
46		672		1	WASHER
47		86566593		1	PULLEY
48		87122		1	WOODRUFF KEY #128, 5/16" x 2 1/8"
49		86518543		1	GEARBOX Bevel, Refer to Fig. 03.04
49		86518543R		1	REMAN-GEARBOX GEARBOX 1431 Discbine Pivot Tongue Disc MC
49		86518543C		1	CORE-GEARBOX GEARBOX Return Number
50		280119		1	BOLT Hex, 5/8" - 11 x 3-1/2", Gr 5
51		80299		AR	WASHER 0.69" ID x 1.75" OD x 0.13" Thk
52		86521608		1	FLANGE NUT 5/8"-11 x 1.75, Gr5, ZND
53		763661		1	IDLER WHEEL
54		86632285		1	ARM Includes: Ref. 55
55		27767		2	BUSHING
56		197297		1	SNAP RING #98, Ext
57		26402		2	WASHER 25.8mm ID x 38.1mm OD x 1.7mm Thk
58		86535389		1	GUIDE
59		86535388		2	SPACER

(1) **BSN 650209**

(2) **ASN 650209**

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CONDITIONER DRIVES



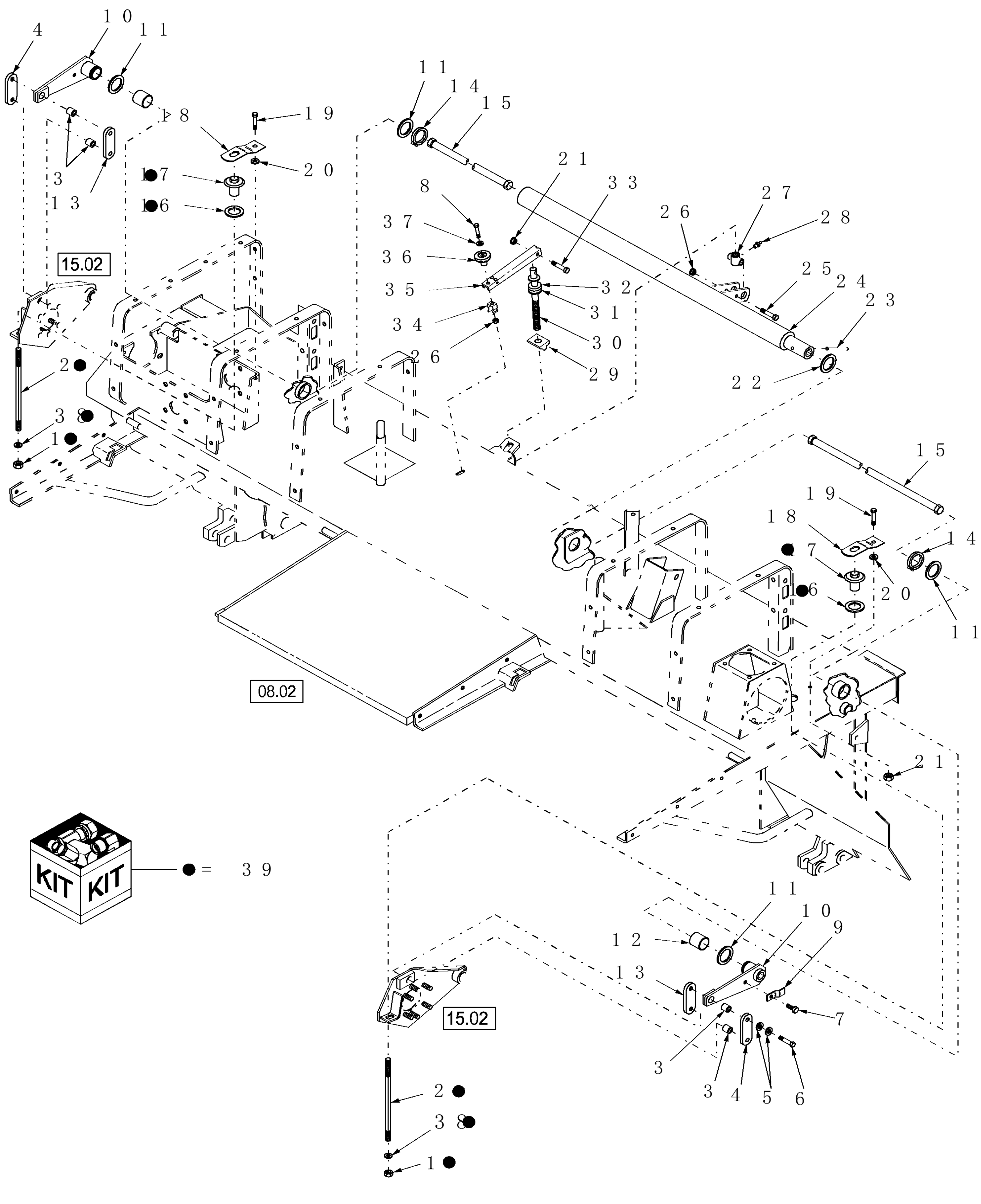
CONDITIONER DRIVES

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
60		621022		1	SPRING Compression
61		86535390		1	EYEBOLT 3/8"-16 x 20-1/4"
62	1	86626535		1	COVER Includes: Decals
62	2	86626535		1	COVER Includes: Decals
62		86611825		1	WARNING DECAL No Step - English
62		86628571		1	WARNING DECAL Stand Clear, English
62		86629518		1	WARNING DECAL Stand Clear - French
62		86629519		1	WARNING DECAL Stand Clear - Spanish
62		86539557		1	DECAL WARNING-CLOSE SHIELD PRIOR
63		87569		1	LUBE NIPPLE 45 Degree, 1/4" NPT x 4/5" L, Drive
64		86521606		1	FLANGE NUT Hex, 3/8" - 16, Gr 5
65	3	86579603		1	SHIELD
66		9628510		1	BOLT Hex, 3/8" - 16 x 3/4", Gr 5
67		86632263		1	SHIELD
68		80664		AR	WASHER 0.38" ID x 0.88" OD x 0.08" Thk
69		16043224		2	BOLT Hex, M8 x 16mm, Cl 8.8

(1) BSN 657934
(2) ASN 657983
(3) ASN 638669

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ROLL TENSION



ROLL TENSION

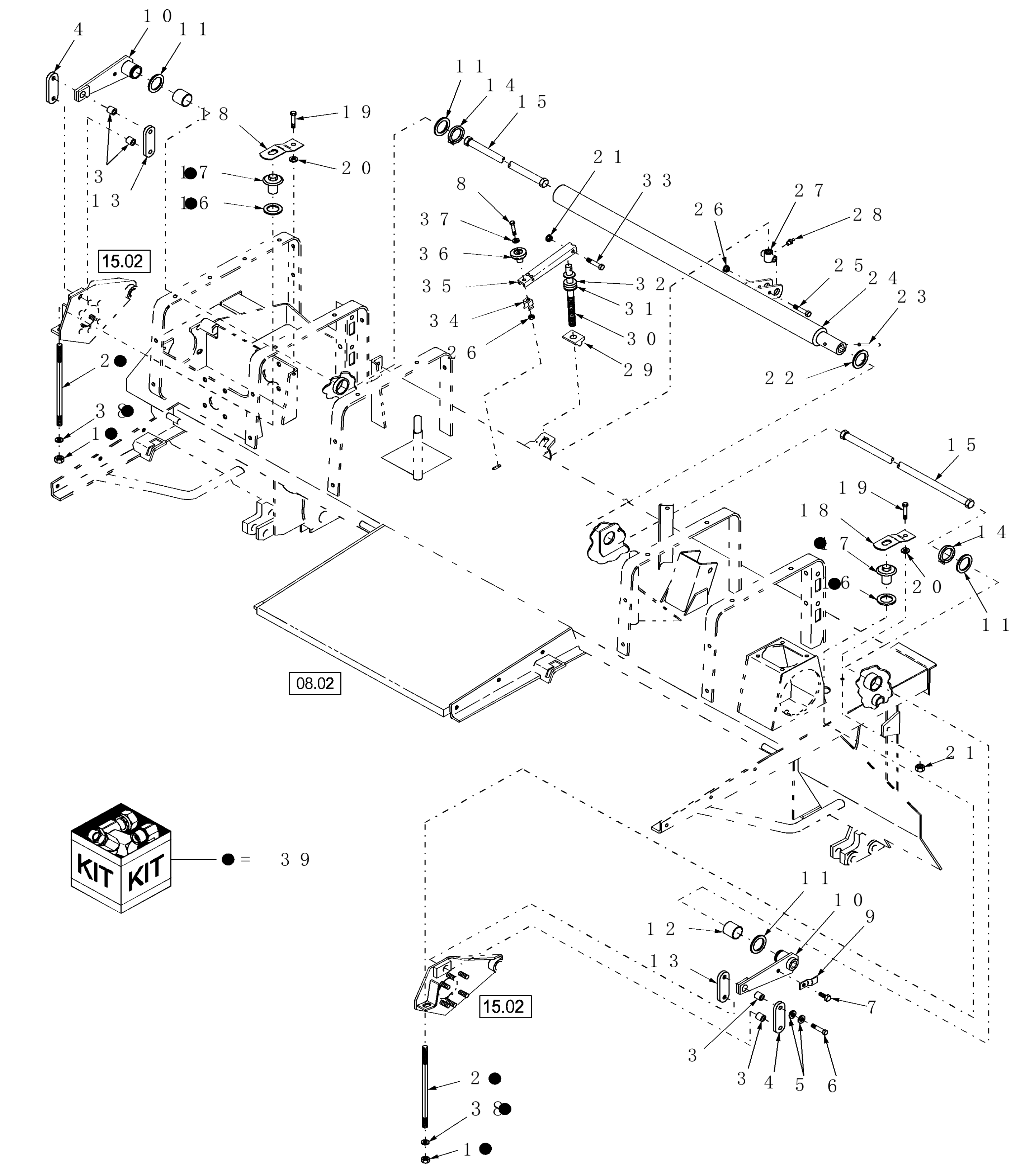
REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1	1	86521611		2	FLANGE NUT Flg, 5/8" - 11
1	2	280375		2	NUT 3/4" - 10, Gr C
2	1	86554356		2	ROD 5/8"-11 x 14"
2	2	87038520		2	ROD 362mm L 3/4"-10 x 14.25"
3		86631384		4	SPACER Link
4		86631385		2	CONNECTING LINK
5		262183		4	WASHER .530" ID x 1.125" OD x .183" Thk 1/2" I.D.
6		86521617		4	BOLT Hex, 1/2" - 13 x 2", Gr 5
7		86521552		2	BOLT Hex, 5/16" - 18 x 3/4", Gr 5
8		88346		1	BOLT Hex, 5/16" - 18 x 2-1/2", Gr 5
9		289688		2	CLIP
10		86632454		2	ARM
11		58821		AR	WASHER 45.24mm ID x 56.36mm OD x 1.65mm Thk
12		213346		2	BUSHING 44.78mm ID x 49.61mm OD x 41.27mm L
13		86631386		2	CONNECTING LINK
14		11487		2	SNAP RING 1.75", Ext
15		144385		2	TORSION BAR 1.00" OD x 53" L
16		9849882		2	WASHER 38mm ID x 65mm OD x 6.35mm Thk Nylon, 1-7/16"
17	1	86504380		2	FLANGE NUT 5/8" - 11 Special, 5/8"-11
17	2	87038521		2	NUT 3/4"-10
18		86538387		2	RETAINER
19		86521613		2	BOLT Hex, 3/8" - 16 x 1", Gr 5
20		215588		2	WASHER Nylon, 3/8"
21		86521609		3	FLANGE NUT Flg, 3/8" - 16
22		67517		AR	WASHER
23		80599		1	GROOVED PIN 1/4" x 2-3/4", Type A

(1) Prior To PIN 1191100

(2) From PIN 1191100

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ROLL TENSION



ROLL TENSION

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
24	1	86633913		1	TUBE 1359 mm L
24	2	87349309		1	TUBE 558 mm L
25		87626		1	BOLT Hex, 5/16" - 18 x 2-3/4", Gr 5
26		9823743		2	FLANGE NUT Flg, 5/16" - 18
27		9622890		1	NUT Lift, 3/4"-10
28		87414		1	LUBE NIPPLE 1/4" - 28 NPT
29		625098		1	PIVOT Spring
30		86506799		1	ROD 3/4" - 10
31	3	394632		1	WASHER 21mm ID x 40mm OD x 4mm Thk
31	4	87021862		1	WASHER 19.8mm ID x 38.1mm OD x 4.76mm Thk Plated, 3/4"
32		9801922		1	THRUST BEARING 19.25mm ID x 35.97mm OD x 11.76mm W
33		86523775		1	BOLT Hex, 3/8" - 16 x 1-1/2", Gr 5
34		223162		1	CLIP Spring
35		86630976		1	HANDLE
36		33781		1	KNOB
37		80664		1	WASHER 0.38" ID x 0.88" OD x 0.08" Thk
38	4	87021862		2	WASHER 19.8mm ID x 38.1mm OD x 4.76mm Thk Plated, 3/4"
39		87042133		AR	REPAIR KIT Allows ASN Roll Gap Rods To Be Used On BSN Units; Includes: Ref. 1 (1), 2 (1), 16 (1), 17 (1), 38 (1), & Ins

(1) **Prior To PIN From PIN Y6B230000**
(2) **From PIN Y6B230000**
(3) **Prior To PIN 1191100**
(4) **From PIN 1191100**

SECTION INDEX

ACCESSORIES

18.01		p1	3/2020

PAINTS

ART

NOT

AVAILABLE

PAINTS

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
	1	70780DS		AR	PAINT RED - AEROSOL Enamel Aerosol, Red
	1	94806DS		AR	PAINT YELLOW - AEROSOL Enamel Aerosol, Yellow
	1	86109000DS		AR	PAINT Aerosol Spray Aerosol, Bright Yellow Acrylic
	2	70365DS		AR	PAINT RED - QUART Quart Can, Alkyd Enamel, Red
	3	70036DS		AR	PAINT RED - GALLON Gallon Can, Alkyd Enamel, Red
	2	94807DS		AR	PAINT YELLOW - QUART Quart Can, Alkyd Enamel, Yellow
	2	86109001DS		AR	PAINT BRIGHT, YELLOW - QUART Quart Can, Bright Yellow Acrylic
	3	94808DS		AR	PAINT YELLOW - GALLON Gallon Can, Alkyd Enamel, Yellow
	3	86109002DS		AR	PAINT Gallon Gallon Can, Bright Yellow Acrylic
		86109003DS		AR	PAINT 5 Gallon Can, Bright Yellow Acrylic

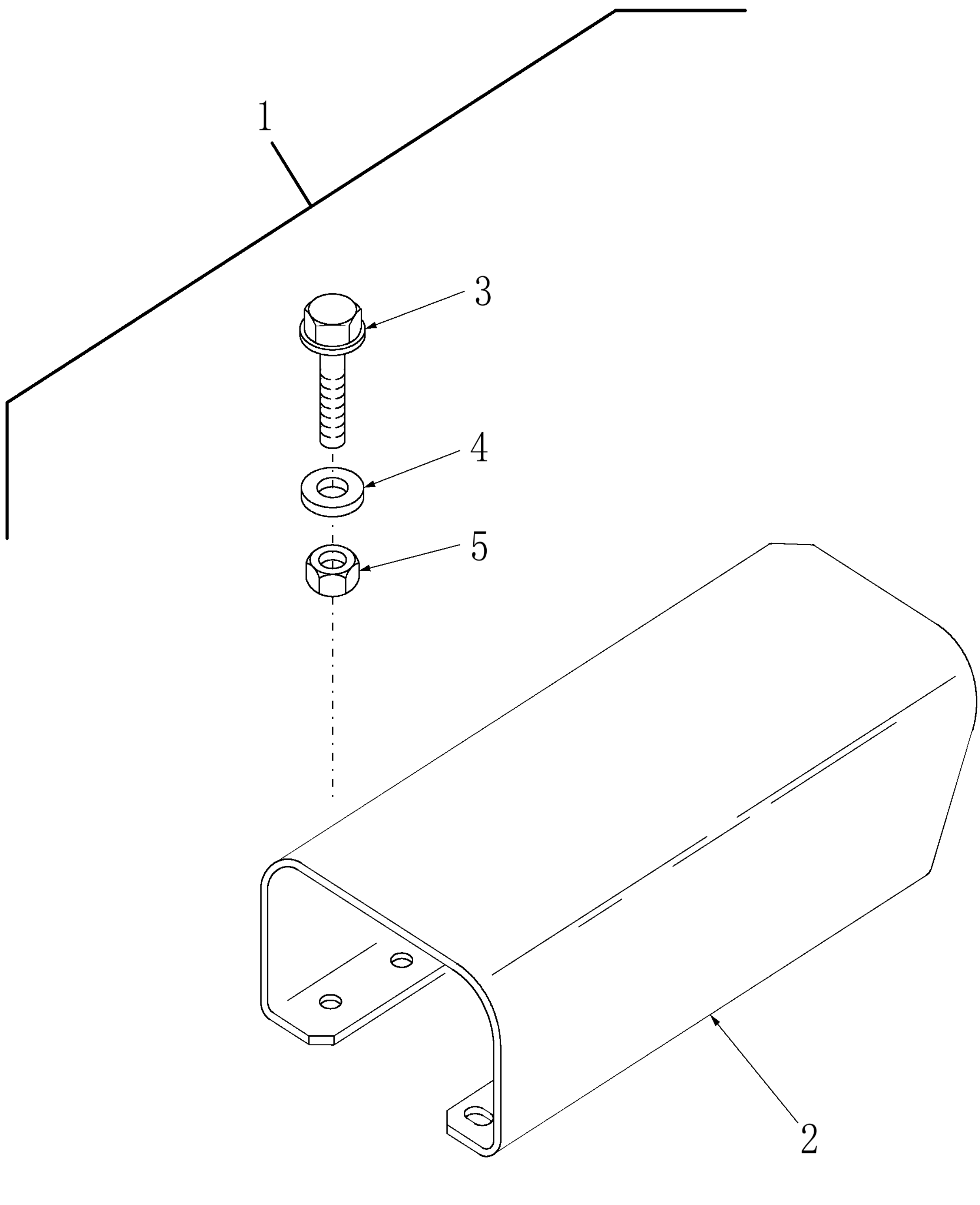
(1) **Sold in case lots of (6) 12 oz. cans**

(2) **Sold in case lots of (4) quart cans**

(3) **Sold in case lots of (2) gallon cans**

18.02		p1	3/2020

TIRE BUMPER EXTENSION KIT

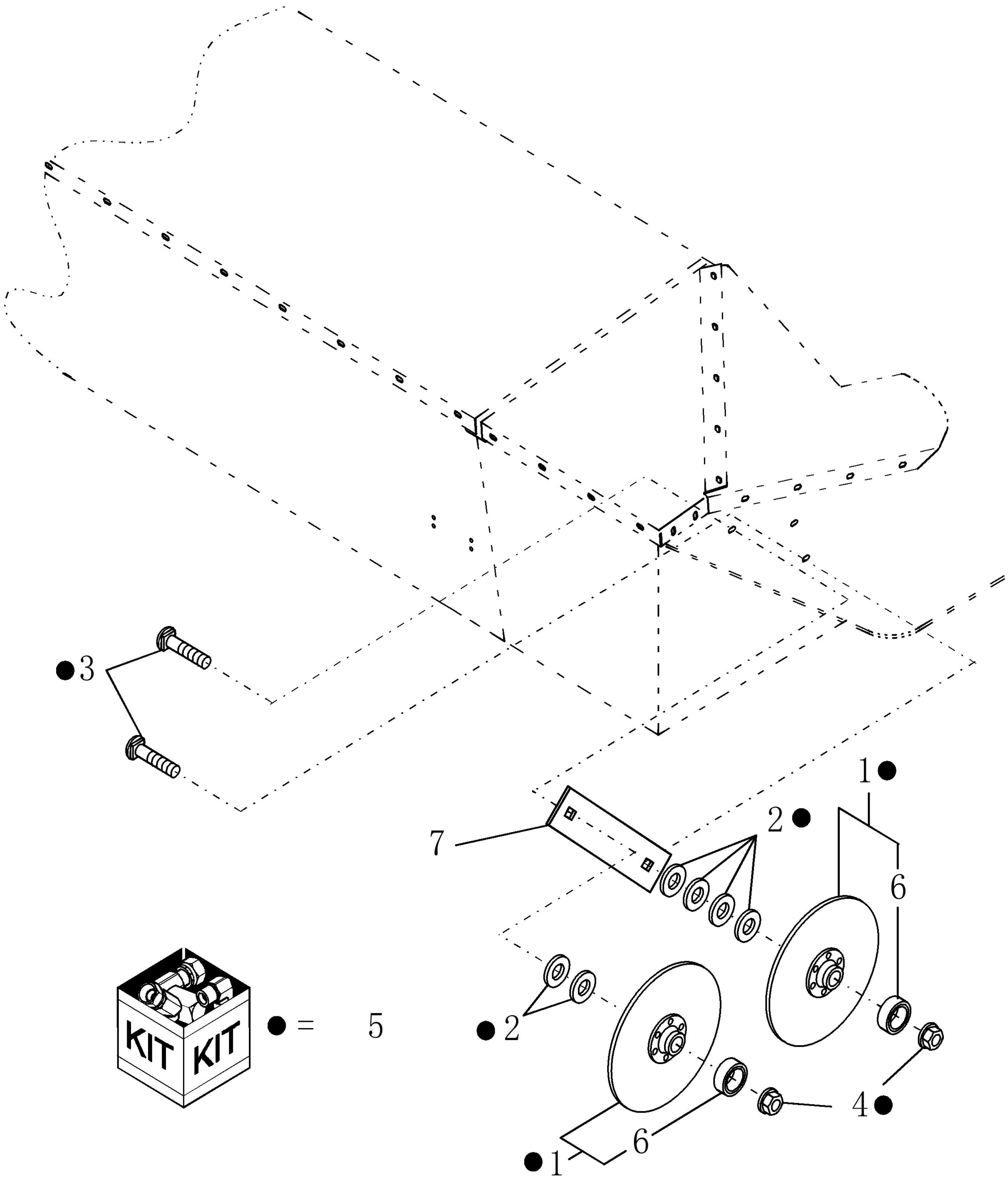


TIRE BUMPER EXTENSION KIT

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		W0		AR	ORDER WHOLEGOODS Kit, Tire Bumper Extension. Includes: Ref. 2 - 5 & Instructions
2		86616987		2	EXTENSION Bumper
3		86521619		8	BOLT Hex, 5/8" - 11 x 1 1/2", Gr 5
4		33298		8	WASHER 16.7mm ID x 41.3mm OD x 4.78mm Thk 5/8" I.D.
5		86521608		8	FLANGE NUT 5/8"-11 x 1.75, Gr5, ZND

18.03		p1	3/2020

ROLLING CROP DIVIDER

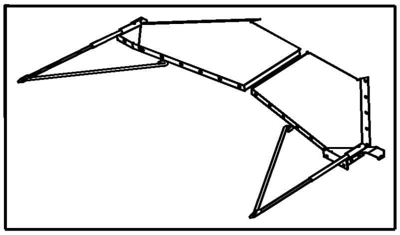


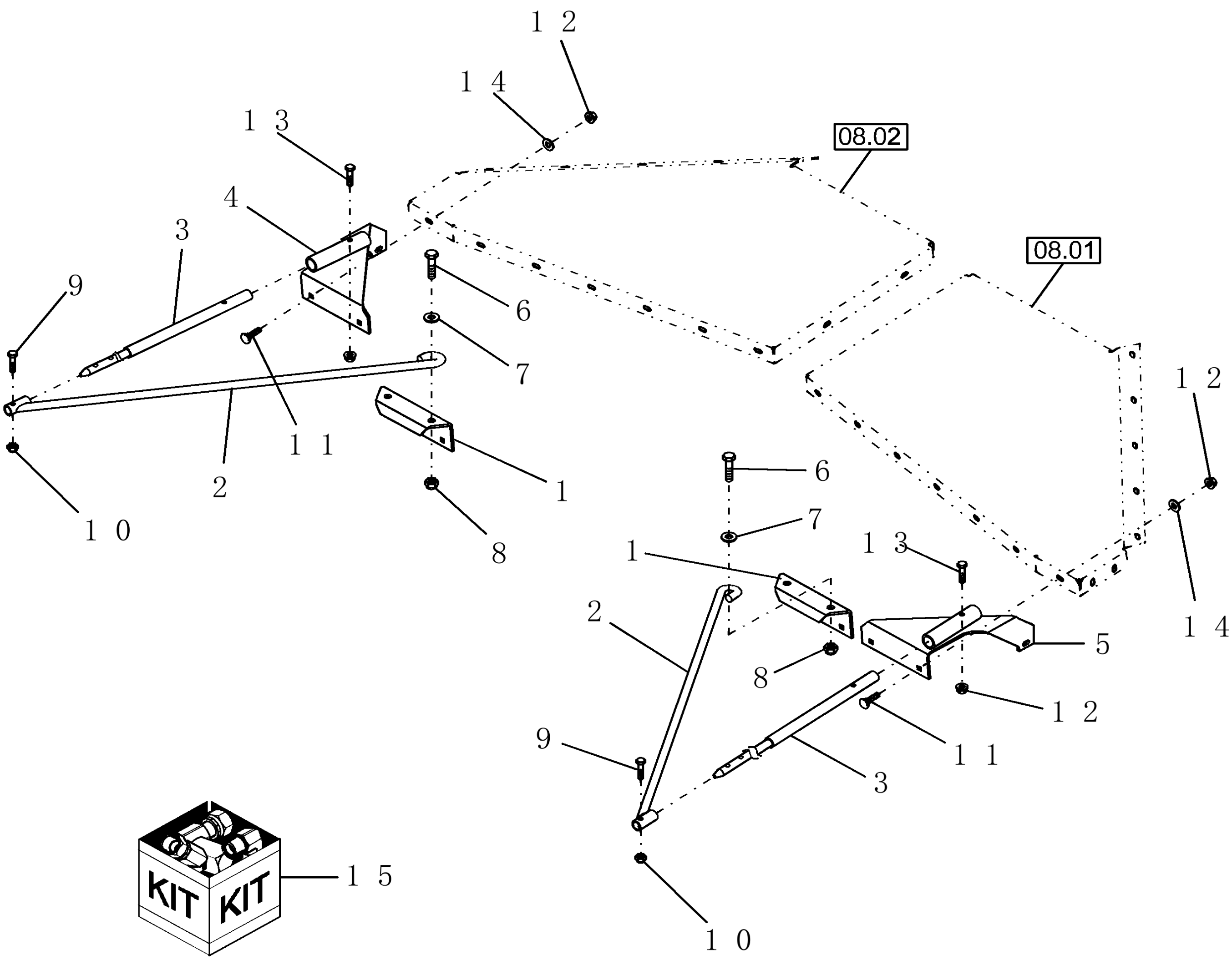
ROLLING CROP DIVIDER

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86593111		2	DISC
2		87365		6	WASHER 0.66" ID x 1.31" OD x 0.1" Thk
3		280637		2	CARRIAGE BOLT Sht Sq Nk, 5/8" - 11 x 3", Gr 5
4		85700693		2	NUT 5/8" - 11, Gr C
5		87033743		AR	KIT Roll Crop
6		86729879		AR	BALL BEARING
7		86595506		1	PLATE

18.04		p1	3/2020

CROP DIVIDER KIT



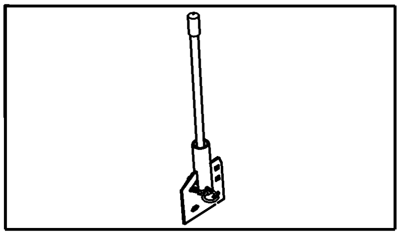


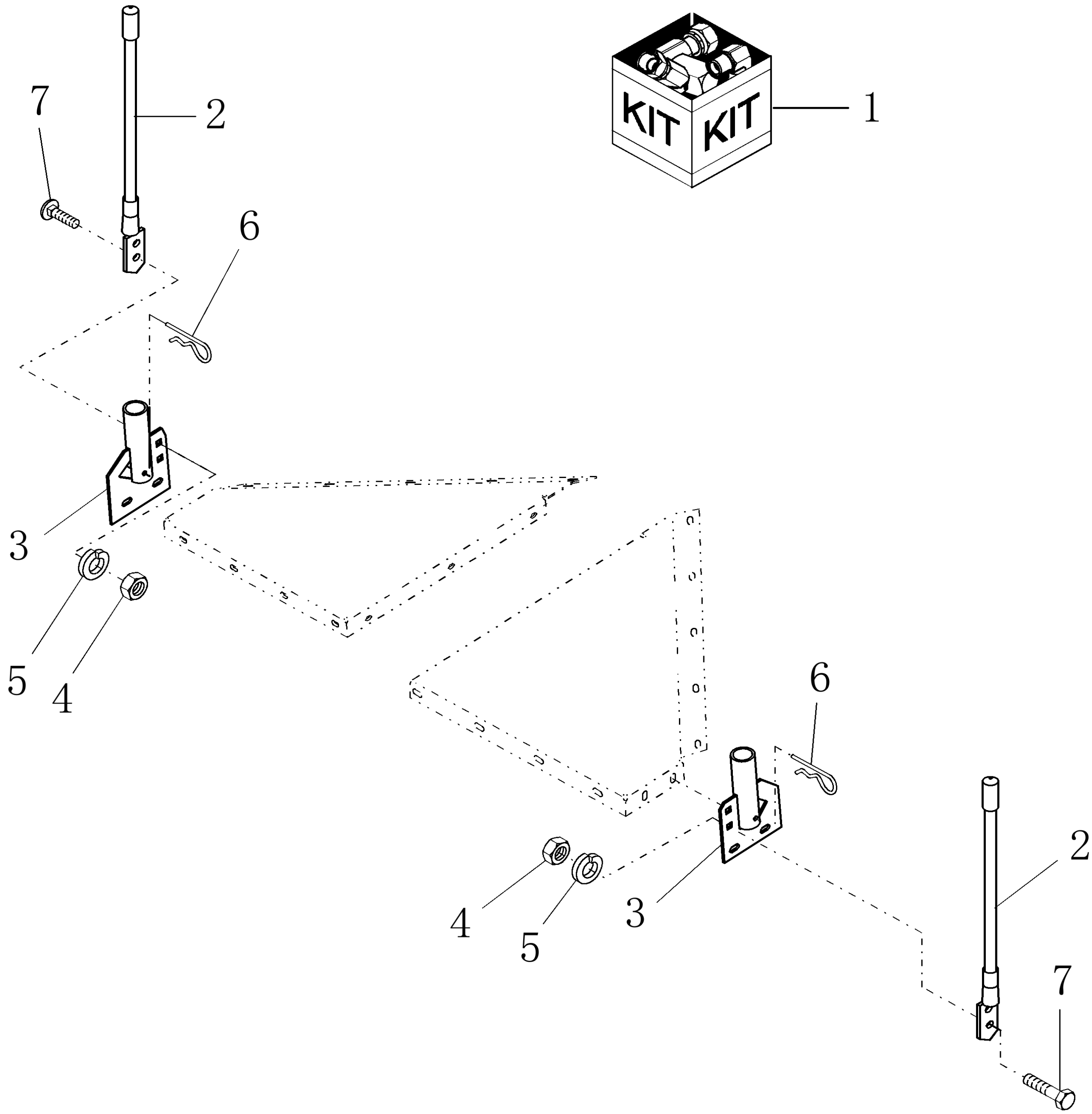
CROP DIVIDER KIT

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		86583520		2	BRACKET
2		86632781		2	BAR
3		86632783		2	DEFLECTOR
4		86583521		1	BRACKET RH
5		86583519		1	BRACKET LH
6		87689		2	BOLT 1/2"-13 x 1.813" OAL, Gr 5
7		80700		2	WASHER 0.56" ID x 1.38" OD x 0.11" Thk
8		88871		2	NUT 1/2" - 13, Gr C
9		87657		2	BOLT Hex, 5/16" - 18 x 1-1/4", Gr 5
10		280736		2	LOCK NUT 5/16" - 18, Gr C
11		280428		10	CARRIAGE BOLT Short Nk, 5/16" - 18 x 1", Gr 5
12		9823743		12	FLANGE NUT Flg, 5/16" - 18
13		88275		2	BOLT Hex, 5/16" - 18 x 1-1/2", Gr 5
14		577826		10	WASHER 5/16", SAE
15		717002026		AR	DIA KIT, HARVESTER Divider Kit, Includes Ref.s 1 thru 14

18.05		p1	3/2020

CORNER MARKER KIT



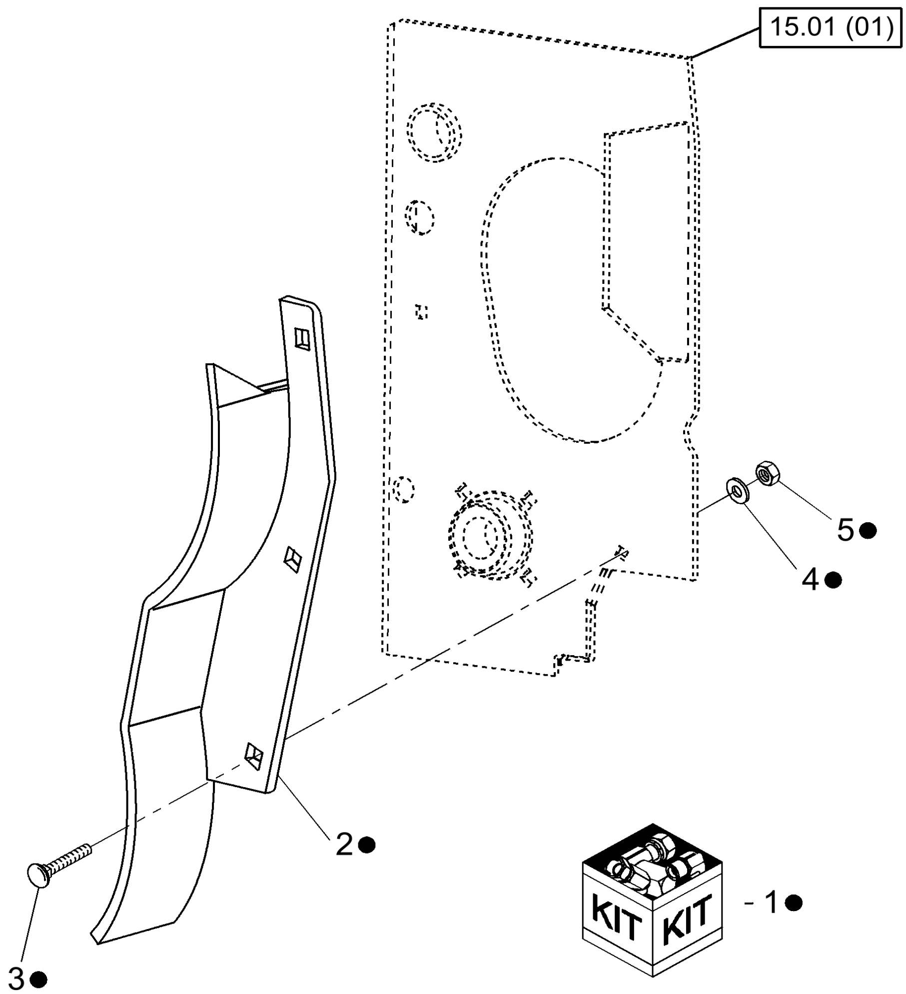


CORNER MARKER KIT

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		716791026		AR	DIA KIT, HARVESTER Kit, Corner Marker; Includes: Ref.s 2 Thru 7
2		86600268		2	ROD
3		86581970		2	PLATE
4		86521605		8	FLANGE NUT 5/16" - 18, Gr 5
5		322358		8	BELLEVILLE WASHER M8 Bolt Size x 18mm OD x 1.4mm Thk
6		755961		2	COTTER PIN
7		88992		8	CARRIAGE BOLT Short Sq Nk, 5/16" - 18 x 1", Gr 5

18.07		p1	3/2020

ROLL DEFLECTOR KIT



ROLL DEFLECTOR KIT

REF	FN	PART NUMBER	YR/SN	QTY	DESCRIPTION
1		84164009		1	KIT Roll Deflector; Includes: Ref.s 2 Thru 5, Plus Instructions
2		NSS		1	NOT SOLD SEPARAT Deflector, LH
3		88682		3	CARRIAGE BOLT Short Nk, 3/8" - 16 x 1", Gr 5 BOLT, CARRIAGE, Short NK, 3/8"-16 x 1", G5
4		140045		3	BELLEVILLE WASHER 10mm ID x 22mm OD x 1.6mm Thk
5		86521606		3	FLANGE NUT Hex, 3/8" - 16, Gr 5

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Number	Figure	Sequence	Ref.	Number	Figure	Sequence	Ref.
86539184	03.02		21	86539714	01.01	01	2
86539185	03.02		13	86539714	01.01	04	2
86539186	03.02		20	86539714	01.05		27R
86539186	03.02	1	16	86539714	01.05	1	13
86539210	03.01		20	86539714	01.05	2	2
86539210	03.01	1	21	86539811	08.03		2
86539210	03.02		16	86539879	01.06		14
86539210	03.02	1	5	86539879	01.06	1	11
86539211	03.01		35	86539888	07.01		5
86539211	03.01	1	36	86539889	12.07		24
86539211	03.02		7	86539889	12.08		18
86539212	03.02		11	86539890	12.09		14
86539212	03.02	1	18	86539891	12.09		15
86539214	03.01		31	86539892	12.09		11
86539214	03.01	1	32	86539893	12.08		34
86539214	03.04		13	86539895	12.07		28
86539215	03.01		17	86539896	12.07		26
86539215	03.01	1	18	86539896	12.08		48
86539215	03.04		6	86540342	15.02		5
86539234	01.02		12	86540362	14.03		21
86539235	01.03	1	2	86540364	14.03		21
86539235	01.04		12	86541154	01.06		2
86539342	08.06		12	86541155	01.06		15
86539411	01.01		1	86541156	01.06		20
86539411	01.01	04	1	86541157	01.06		21
86539412	01.01		3	86541158	01.06		2
86539412	01.01	01	3	86541412	01.03		8
86539412	01.01	04	3	86541412	12.03		28
86539484	12.03		17	86542007	08.06		16
86539484	15.02		28	86542008	08.06		16
86539555	08.06		18	86542009	08.01		26
86539556	08.06		16	86542009	08.06		35
86539556	12.03		44	86542010	08.06		35
86539557	08.01		26	86542773	01.02		8
86539557	08.02		22	86542773	01.05		27T
86539557	08.06		35	86542773	01.05	1	12
86539557	15.02		29	86542773	01.05	2	12
86539557	15.03		62	86544265	14.03		3
86539636	01.01		3	86544265	14.03	01	3
86539636	01.01	03	3	86544265	14.03	02	5
86539636	01.01	05	3	86544265	14.03	03	5
86539639	01.04		4	86544265	14.03	04	4
86539639	01.04	1	7	86544265	14.08		3
86539640	01.03	1	5	86544265	14.11	01	4
86539640	01.04		10	86544265	14.12	01	4
86539714	01.01		2	86544265	14.15	01	4

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Number	Figure	Sequence	Ref.	Number	Figure	Sequence	Ref.
86634229	18.06		5	87033961	12.08		56
86637769	07.02	2	8	87038520	15.04		2
86639636	08.05		14	87038521	15.04		17
86639651	08.05		1	87039062	01.05	2	6
86641961	14.01		37	87039878	14.04	1	1
86641961	14.02		27	87039879	14.04	1	1
86643606	07.05	2	1	87039882	14.04	1	13
86643607	07.05	2	6B	87040838	14.03		7
86729879	18.03		6	87040839	14.03		36
86977759	14.01		1	87040886	14.03		9
86977759	14.02		1	87040886	14.03	01	6
86979386	12.03		35	87040886	14.03	02	7
86979387	07.05	2	14	87040886	14.03	03	7
86979442	12.05	1	27	87040886	14.03	04	6
86980337	12.10	1	3	87040886	14.08		8
87018067	07.02	2	1	87040886	14.11	01	7
87018067	12.07		16	87040886	14.12	01	7
87018098	07.05	2	1	87040886	14.15	01	7
87018387	12.09		46	87040886	14.17	04	7
87021862	15.04		31	87040886	14.17	05	7
87021862	15.04		38	87040886	14.17	08	7
87025433	07.03	2	7	87040886	ZZZ		
87025441	07.04	2	13	87041060	08.06		40
87025444	07.03	2	11	87041060	12.02		2
87025720	07.04	2	7	87042011	08.06		40
87025737	07.04	2	5	87042012	08.06		40
87025738	07.04	2	3	87042133	15.04		39
87026074	07.03	2	5	87044113	14.04	2	1
87026834	07.04	2	12	87044115	14.04	1	9
87027469	07.02	2	7	87044117	ZZZ		
87027473	07.02	2	5	87045438	08.06		28
87027477	07.02	2	6	87045445	08.06		37
87027481	07.02	2	12	87047097	08.06		10
87027949	ZZZ			87047098	08.06		42
87029275	15.03		37	87047426	14.03		25
87029587	14.03		6	87047426	14.17	07	4
87029587	14.15	01	6	87047426	ZZZ		
87029588	14.03		35	87047845	14.03		33
87029588	14.17	03	3	87047845	ZZZ		
87029588	14.17	05	6	87047995	08.01		4
87031306	03.02	1	14	87047996	08.02		4
87032817	12.04		4	87047998	08.01		1
87032817	12.05		26	87049205	08.06		41
87032817	12.05	1	34	87049528	08.06		22
87033327	08.06		39	87049548	08.06		1
87033743	18.03		5	87050379	01.01		9

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